



2017



ACOUSTIC DEVICES
AVERTISSEURS ACOUSTIQUES
AKUSTISCHE SIGNALEINRICHTUNGEN



THE WORLD'S LARGEST
MANUFACTURER
OF CAR HORNS



www.fiamm.com/Horns

FIAMM

Acoustic Devices

The Power of Communication



FIAMM

Acoustic Devices

The Power of Communication

Headquarters

Viale Europa, 75
36075 Montecchio Maggiore
Vicenza | Italy

info.acousticdevices@fiamm.com
www.fiamm.com/horns



Production plants



ITALY

Via Dovaro, 8 - 36045 Almisano di Lonigo (VI)



CZECH REPUBLIC

Nádražní 1436, 293 01 Mladá Boleslav



CHINA

Han Nan Road 458, Shamao Town,
Hannan District, 430090 Wuhan City,
Hubei Province



U.S.A.

1550 Leeson Ave., Cadillac, MI



BRAZIL

Av. Piraporinha, 121 - CEP 09891-0000
São Bernardo do Campo SP

THE WORLD'S LARGEST MANUFACTURER OF CAR HORNS



O.E. Customers

- | | | |
|----------------|----------------|-----------------|
| • Alfa Romeo | • Maserati | • Caterpillar |
| • Aston Martin | • Mazda | • Iveco |
| • Audi | • Mercedes | • MAN |
| • BMW | • MINI (BMW) | • Renault Truck |
| • BYD | • Mitsubishi | • Scania |
| • Chrysler | • Nissan | • Volvo Truck |
| • Citroën | • Opel (GM) | |
| • Ferrari | • Peugeot | |
| • FIAT | • Renault | |
| • Ford | • SEAT | |
| • GM | • Škoda | |
| • Hyundai | • Toyota | |
| • Jaguar | • Vauxall (GM) | |
| • Lancia | • Volvo | |
| • Land Rover | • VW | |

Certifications



ISO 9001:2008



ISO/TS 16949:2009



ISO 14001:2004





THE WORLD'S
LARGEST
MANUFACTURER
OF CAR HORNS

The Power of Communication

FIAMM, an Italian company founded in 1942 and world leader in the field of horn devices, is an official partner of the largest manufacturers of cars, trucks and industrial vehicles. The company's extensive experience and continuous research allow it to offer a product range intended for the high quality standard aftermarket, accompanied by an efficient customer service. Efficiency proved by the presence of global production facilities in Italy, Czech Republic, the USA, Brazil and China that oversee the local reference markets.

FIAMM, entreprise italienne fondée en 1942, leader mondial dans le secteur des avertisseurs sonores, est depuis toujours partenaire officiel des plus grands fabricants de voitures, des moyens de transport commerciaux et industriels. L'expérience consolidée et la recherche constante lui permettent de proposer une gamme de produits destinée au marché des pièces de rechange (Aftermarket) d'un standard de qualité élevé, accompagnée d'un service toujours à disposition du client. Réelle disponibilité prouvée par la présence globale des établissements de production en Italie, République Tchèque, États-Unis, Brésil et Chine qui président les marchés locaux de référence.

FIAMM wurde 1942 gegründet und ist im Bereich der akustischen Signaleinrichtungen ein weltweit marktführendes Unternehmen. Es ist seit jeher offizieller Partner der größten Automobil-, Industrie- und Nutzfahrzeughersteller. Die konsolidierte Erfahrung und die ständige Forschung zusammen mit der kundennahen Serviceleistung ermöglichen es, eine Produktreihe von hohem Qualitätsniveau für den Ersatzteilmarkt anzubieten. Beweis für die Kundennähe ist die globale Präsenz der Werke in Italien, der Tschechischen Republik, den Vereinigten Staaten, Brasilien und China, die die lokalen Bezugsmärkte überwachen.

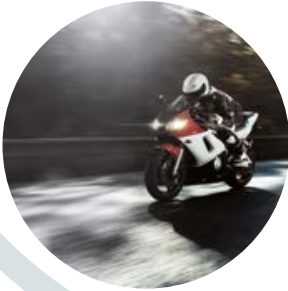


FIAMM horns are produced in the same production plants where also original equipment horns are manufactured, using the same technology, manpower, equipment and control systems approved by car manufactures.

Les avertisseurs acoustiques FIAMM sont fabriqués dans les mêmes usines de production où se produisent aussi les avertisseurs pour le marché de l'équipement d'origine, en utilisant les mêmes technologie, main d'œuvre, équipements et systèmes de contrôle approuvés par les constructeurs automobiles.

Die FIAMM akustischen Signaleinrichtungen werden in denselben Produktionsstätten hergestellt, wo auch die Hupen für den Erstausrüstungsmarkt gefertigt werden. Dieselben von den Fahrzeugherstellern genehmigten Technologie, Arbeitskräfte, Maschinen und Kontrollsysteme werden benutzt.

Automotive



Industrial & Heavy Duty



Emergency



Marine



The Power of Communication



Big growing years through massive provision of pneumatic horns to the wide retail market, as well as beginning of the collaboration with FIAT thanks to the compact dimensions of the new Electromagnetic horn CTP.



Beginning of total US market coverage, first with Ford (production of 6 million horns) and then with GM, reaching a production of 20 million horns per year.

1942

FIAMM foundation in Montecchio Maggiore, Italy.
Launch of the first Mercury horn.



1960

1970

New partnership with Peugeot and Citroën and, in the following years, with Audi and BMW, supplying the first samples of AM80 horn.
The Brazilian plant opens in São Paulo.



1985

1989
1990

The acquisition of Magneti Marelli horns production leads FIAMM to cover FIAT horns demand almost totally.



THE WORLD'S LARGEST MANUFACTURER OF CAR HORNS



klaxon

Through the acquisition of the historical French horn manufacturer Klaxon, FIAMM achieves almost the entirety of Volkswagen, Peugeot and Renault horns demand, covering consequently the European Original Equipment horns market almost totally.



FIAMM opens a new horns plant in Wuhan, China, to support the car manufacturers based in this important growing market.

2017

- > Worldwide OE approved
- > OE horns largest manufacturer
- > Worldwide Support & Service
- > The right product for each sound need
- > Worldwide industrial footprint

1992

1995

Launch of the new product AM80S, so appreciated by the car makers that FIAMM in the following years will reach ten dedicated production lines in the world. FIAMM becomes the world's largest manufacturer of car horns.



2009

2013

FIAMM develops the AM80SX horn with performance at the latest state of the art. FIAMM in this years reinforces its leadership in the car horn markets and reaches a yearly production of 40 million horns, delivered all over world.



PRODUCT OVERVIEW

ELECTROMAGNETIC

The sound is produced through an electro-magnetic circuit that forces a membrane to vibrate at high frequency.

> **Horns**

> **Discs**

ELECTRONIC

Frequency is controlled by an electronic circuit, leading to an increased product lifespan (high usage markets).

> **Horns**

> **Discs**

AIR HORN

The sound is produced when compressed air passes through an acoustic trumpet.

> **Pneumatic**

Solutions operating with the on-board air system of the vehicle.

> **Electropneumatic**

Solutions equipped with a compressor and a set of trumpets.

EMERGENCY SOLUTIONS

Acoustic warning systems for priority and emergency vehicles.

> **Electronic**

Acoustic system for continuous service, composed by an electronic control unit and a set of loudspeakers.

> **Electropneumatic**

Acoustic system composed by a compressor and a set of trumpets.

> **Pneumatic**

Acoustic system composed by an electronic control unit and a set of trumpets.



THE WORLD'S
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OF CAR HORNS

Performance

Sound Power



Dimension



Lifespan



Application

Sound Power	Dimension	Lifespan	Application
• • •	• • •	• • •	
• •	• •	• • •	
• • •	• • •	• • • •	
• •	• •	• • • •	
• • • •	• • • •	• • •	
• • • •	• • • •	• • •	
• • • •	• •	• • • •	
• • • • •	• • •	• • •	
• • • •	• •	• • • •	

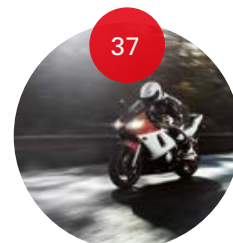
Automotive



Passenger Cars
& Light Vehicles



Truck & Bus



Motorbike

Industrial & Heavy Duty



Electromagnetic
& Electronic Horns

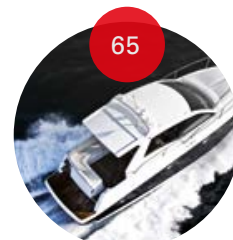


Air
Horns



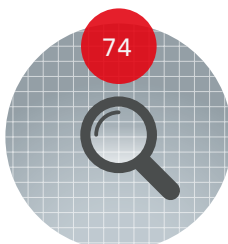
Back-up
Alarms

Marine

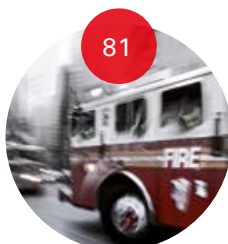


All

Emergency



System
overview



Fire Brigades



Police Forces



Ambulances

Miscellaneous



Musical Horns



Compressors



Relays & Valves



Gas Horns

Automotive

Passenger Cars & Light Vehicles

FIAMM

Acoustic Devices



ELECTROMAGNETIC HORNS

The sound is produced through an electro-magnetic circuit that forces a membrane to vibrate at high frequency.

> Horns

> Discs

Sound Power

Dimension

Lifespan



AM80 line

10



HK line

16

AIR HORN

The sound is produced when compressed air passes through an acoustic trumpet.

> Electropneumatic

Solutions equipped with a compressor and a set of trumpets.



M4 line
MT line

17

ELECTRONIC HORNS

Frequency is controlled by an electronic circuit, leading to an increased product lifespan (high usage markets).

> Horns



LLH line

19

AM80 line

Compact emergency horn approved for road use. The most commonly installed by car manufacturers.

Avertisseur homologué, de petite taille pour utilisation routière. Le système est le plus installé par la première monte.

Für den Straßenverkehr zugelassene Signaleinrichtung mit kleiner Hupe. Die von den Fahrzeugherstellern meist installierte Hupe.



100.000
cycles

THE ORIGINAL EQUIPMENT BEST CHOICE
MORE COMPACT MORE POWERFUL



Sounds / Sons / Klänge www.fiamm.com/Horns

AM80SX The technological evolution

ELECTROMAGNETIC HORNS AVERTISSEURS ÉLECTROMAGNÉTIQUES ELEKTROMAGNETISCHE HUPEN

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Decibel
Décibels
Schallpegel

dB(A) 2m

Frequency
Fréquence
Frequenz

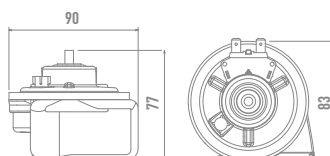
Hz

Connectors
Connecteurs
Stecker

See table pag. 44

Minimum
Order Quantity
u.

Packaging



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

AM80SX - 2T >
COD. 932020Z
+ 1 RELAY

12

9

113

L = 405
H = 495

2T

36

I18

AM80SX/H 12V - 2T >
COD. 932039Z

12

4,5

110

H = 495

2T

66

I17

AM80SX/L 12V - 2T >
COD. 932040Z

12

4,5

110

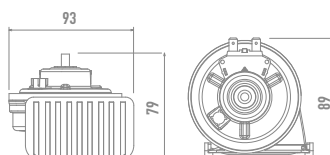
L = 405

2T

66

I17

Steel/ABS



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

AM80SX CROSS-COUNTRY DUAL 2T 12V >
COD. 932081Z
+ 1 RELAY

12

9

112

L = 405
H = 495

2T

36

I18

AM80SX/H CROSS-COUNTRY 2T 12V >
COD. 932082Z

12

4,5

109

H = 495

2T

66

I17

AM80SX/L CROSS-COUNTRY 2T 12V >
COD. 932083Z

12

4,5

109

L = 405

2T

66

I17

Steel/ABS

See table pag. 44

AM80S



ELECTROMAGNETIC HORNS AVERTISSEURS ÉLECTROMAGNÉTIQUES ELEKTROMAGNETISCHE HUPEN

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Decibel
Décibels
Schallpegel

dB(A) 2m

Frequency
Fréquence
Frequenz

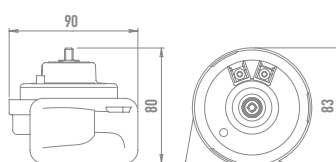
Hz

Connectors
Connecteurs
Stecker

See table pag. 44

Minimum
Order Quantity
u.

Packaging



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

AM80S - 2T
COD. 924642
+ 1 RELAY

12

9

110

L = 405
H = 500

2T

36

116

AM80S/H - 2T
COD. 924156

12

4,5

107

H = 500

2T

66

115

AM80S/L - 2T
COD. 924157

12

4,5

107

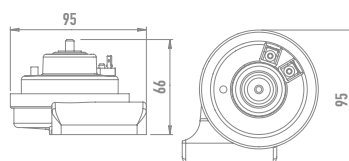
L = 405

2T

66

115

Steel/ABS



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

AM80S-R - 2T
COD. 927588
+ 1 RELAY

12

9

110

L = 405
H = 500

2T

36

116

Steel/ABS

See table pag. 44

ELECTROMAGNETIC HORNS
AVERTISSEURS ÉLECTROMAGNÉTIQUES
ELEKTROMAGNETISCHE HUPEN
Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Decibel
Décibels
Schallpegel

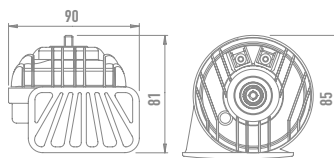
dB(A) 2m

Frequency
Fréquence
Frequenz

Hz

Connectors
Connecteurs
Stecker

See table pag. 44

Minimum
Order Quantity
u.
Packaging

Type approval
Homologation
Zulassung
 Reg.28/Reg. 10 ECE

AM80S SUPER - 2T >
COD. 924650
 + 1 RELAY

Steel/ABS

12

9

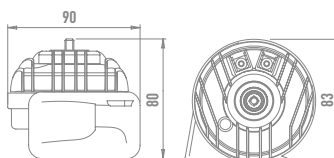
110

L = 405
H = 500

2T

36

116


Type approval
Homologation
Zulassung
 Reg.28/Reg. 10 ECE

AM80S LUXE - 2T >
COD. 924648
 + 1 RELAY

Steel/ABS

12

9

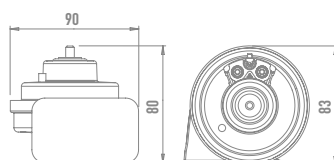
110

L = 405
H = 500

2T

36

116


AM80S KIT 2TJS >
COD. 927694
 + 1 RELAY

Steel/ABS

12

9

110

L = 405
H = 5002T
JUMPER JPT
JUMPER SICMA II

36

116

AM80S/H KIT 2TJS >
COD. 927382

12

4,5

107

H = 500

2T
JPT
SICMA II

63

S6

AM80S/L KIT 2TJS >
COD. 927383

12

4,5

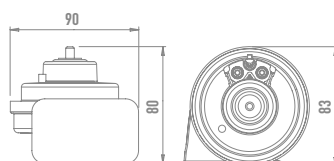
107

L = 405

2T
JPT
SICMA II

63

S6

CITROEN • DACIA
PEUGEOT • RENAULT
Type approval
Homologation
Zulassung
 Reg.28/Reg. 10 ECE

Steel/ABS

AM80S/H KIT 2TV >
COD. 927386

12

4,5

107

H = 500

2T
VDA

63

S6

AUDI • MERCEDES AMG
MERCEDES BENZ • SEAT • SMART
SKODA • VOLKSWAGEN
AM80S/L KIT 2TV >
COD. 927387

12

4,5

107

L = 405

2T
VDA

63

S6

See table pag. 44

ELECTROMAGNETIC HORNS
AVERTISSEURS ÉLECTROMAGNÉTIQUES
ELEKTROMAGNETISCHE HUPEN

Voltage
Tension
Spannung

V

Amp. Draw
Consummation
Stromaufnahme

A

Decibel
Décibels
Schallpegel

dB(A) 2m

Frequency
Fréquence
Frequenz

Hz

Connectors
Connecteurs
Stecker

See table pag. 44

Minimum
Order Quantity

u.

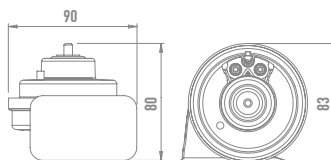
Packaging



Steel/ABS

ALFA ROMEO • ASTON MARTIN
 CHEVROLET • FERRARI • FIAT • FORD
 HOLDEN • JAGUAR • LAND ROVER
 LANCIA • MASERATI • NISSAN • OPEL
 SAAB • VAUXHALL MOTORS • VOLVO

AM80S KIT 2TJU >
 COD. 927695
 + 1 RELAY



Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

12

9

110

L = 405
 H = 500

2T
 JUMPER JPT
 JUMPER USCAR

36

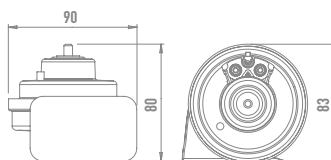
116



Steel/ABS

ALFA ROMEO
 ASTON MARTIN • FERRARI
 FIAT • FORD • JAGUAR
 LAND ROVER • LANCIA
 MASERATI • NISSAN • SAAB • VOLVO

AM80S/H KIT 2TJU >
 COD. 927388



Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

12

4.5

107

H = 500

2T
 JPT
 USCAR

63

S6

AM80S/L KIT 2TJU >
 COD. 927389

12

4.5

107

L = 405

2T
 JPT
 USCAR

63

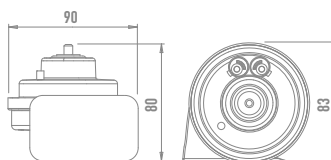
S6



Steel/ABS

BMW • MINI

AM80S/H KIT SP >
 COD. 927384



Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

12

4.5

107

H = 500

ELO STECKER
 ELO POWER

63

S6

AM80S/L KIT SP >
 COD. 927385

12

4.5

107

L = 405

ELO STECKER
 ELO POWER

63

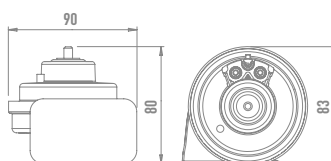
S6



Steel/ABS

CHEVROLET • HOLDEN
 MERCEDES VAN • OPEL
 RENAULT VAN • VAUXHALL MOTORS
 VOLKSWAGEN VAN

AM80S/H KIT UP >
 COD. 927390



Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

12

4.5

107

H = 500

USCAR
 PACKARD

63

S6

AM80S/L KIT UP >
 COD. 927391

12

4.5

107

L = 405

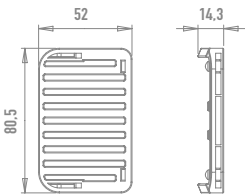
USCAR
 PACKARD

63

S6

See table pag. 44

ELECTROMAGNETIC HORNS AVERTISSEURS ÉLECTROMAGNÉTIQUES ELEKTROMAGNETISCHE HUPEN	Voltage	Amp. Draw	Decibel	Frequency	Minimum	Packaging
	Tension	Consommation	Décibels	Fréquence	Order	
	Spannung	Stromaufnahme	Schallpegel	Frequenz	Quantity	
	V	A	dB(A) 2m	Hz	u.	



ABS

SPLASH SHIELD AM80S >
COD. 920356
KIT OF 4 PCS

AM80S / LLH

22

S4

HK line

Approved disc horns, available in the 80 mm version, ideal for applications on motorcycles and small cylinder vehicles, and in the 90 mm version for trucks.

Avertisseurs à disque homologués, disponibles dans la version 80 mm, idéal pour des applications sur motos et véhicules de petite cylindrée, et dans la version 90 mm pour fourgons.

Zugelassene Teller-Hörner, erhältlich in der 80mm Version, ideal zur Anwendung an Motorrädern und Kleinfahrzeugen und in der 90 mm Version für Lieferwagen.



ELECTROMAGNETIC HORNS DISCS DISQUES ÉLECTROMAGNÉTIQUE ELEKTROMAGNETISCHE TELLERHÖRNER

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Decibel
Décibels
Schallpegel

dB(A) 2m

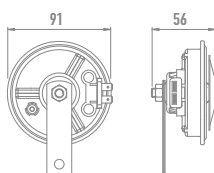
Frequency
Fréquence
Frequenz

Hz

Minimum
Order
Quantity

u.

Packaging



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

HK9 - 2T
COD. 920994
+ 1 RELAY

12

6

113

L = 340
H = 425

12

I14

HK9/H - 2T
COD. 920995

12

3

110

H = 425

22

I13

HK9/L - 2T
COD. 920996

12

3

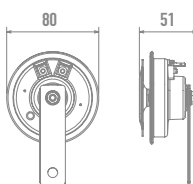
110

L = 340

22

I13

Steel



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

HK8 - 2T
COD. 930067
+ 1 RELAY

12

8

113

L = 350
H = 420

12

I14

HK8/H - 2T
COD. 930068

12

4

110

H = 420

22

I12

HK8/L - 2T
COD. 930069

12

4

110

L = 350

22

I12

Steel

Electropneumatic emergency horns with a clean and powerful sound, equipped with a new and easy installation compressor.

Avertisseurs électropneumatiques, son puissant et net, pourvus d'un compresseur de nouvelle génération et simple à installer.

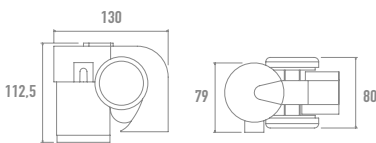
Elektropneumatische Hupen mit starkem und sauberem Klang, sie sind mit einem leicht installierbaren Verdichter der neuen Generation ausgestattet.

M4 line MT line



ELECTROPNEUMATIC HORNS
AVERTISSEURS ÉLECTROPNEUMATIQUES
ELEKTROPNEUMATISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	H	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	mm	u.	

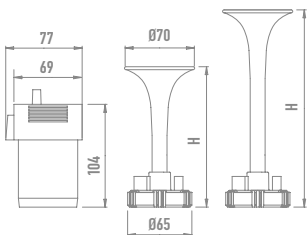


Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

ULTIMATE BLAST >
COD. 921939

ABS, Steel, Aluminum

12	19	115	L = 530 H = 660	-	12	C4
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Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

M4/TA2 >
COD. 921981
PLASTIC
M4/TA SPORT >
COD. 921984
PLASTIC

Steel/Aluminium

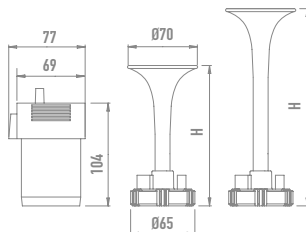
12	17	116	L = 655 H = 828	203 147	10	B3
12	17	116	L = 695 H = 788	193 152	10	B3

ELECTROPNEUMATIC HORNS
AVERTISSEURS ÉLECTROPNEUMATIQUES
ELEKTROPNEUMATISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	H	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	mm	u.	



Steel/Aluminium



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

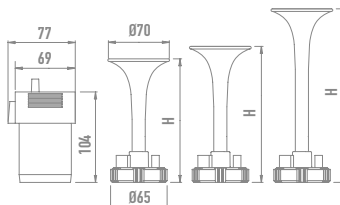
M4/TA-BLU
COD. 921986
PLASTIC
M4/TA2-M
COD. 921985
METAL



12	17	116	L = 622 H = 788	212 152	10	B3
12	17	116	L = 622 H = 788	212 152	10	B3



Steel/Aluminium



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

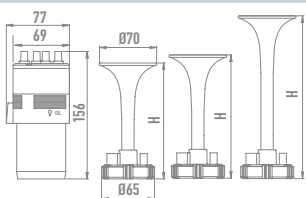
M4/TA3
COD. 921983
PLASTIC



12	17	116	L = 655 M = 768 H = 828	203 155 147	10	B3
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Steel/Aluminium



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

TRI0
COD. 921967
PLASTIC
MT/3i
COD. 921969
PLASTIC
MT/3i Metal
COD. 920387
METAL



12	17	116	L = 655 M = 768 H = 828	203 155 147	10	B1
12	17	116	L = 622 M = 695 H = 788	212 193 152	10	B1
12	17	116	L = 622 M = 695 H = 788	213 193 152	10	B2

LLH, Long Life Horn, is an electronic snail horn engineered by FIAMM. This horn can be installed in every car model thanks to its compact size due to internal electronics assembly and it ensures a duration of more than 2 million cycles.

LLH, Long Life Horn, est un avertisseur électronique conçu par FIAMM. Cet avertisseur peut être installé dans tous les modèles de voiture grâce à ses dimensions compactes dues à l'assemblage interne de l'électronique.

LLH, Long Life Horn, ist eine von FIAMM entwickelte schneckenförmige Hupe. Diese Hupe kann dank seiner kompakten Abmessungen in jedem Auto durch interne Elektronik installiert werden.

LLH line



ELECTRONIC HORNS AVERTISSEURS ÉLECTRONIQUES ELEKTRONISCHE HUPEN

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Decibel
Décibels
Schallpegel

dB(A) 2m

Frequency
Fréquence
Frequenz

Hz

Connectors
Connecteurs
Stecker

See table pag. 44

Minimum
Order Quantity

Packaging

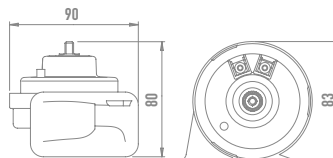


Steel/ABS

ELECTRONIC LONG LIFE HORN 2.000.000 cycles

AUDI • BMW • MERCEDES AMG
MERCEDES BENZ • SEAT • SMART
SKODA • VOLKSWAGEN

ALFA ROMEO • ASTON MARTIN
CHEVROLET • FERRARI • FIAT
FORD • HOLDEN • JAGUAR • LAND ROVER
LANCIA • MASERATI • NISSAN • OPEL
SAAB • VAUXHALL MOTORS • VOLVO



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

LLH - 2T
COD. 925047
+ 1 RELAY
LLH/H - 2T
COD. 925049

LLH/L - 2T
COD. 925048

LLH-V/H
COD. 925145

LLH-V/L
COD. 925146

LLH-U/H
COD. 925147

LLH-U/L
COD. 925148

12	9	110	L = 405 H = 500	2T	12	I14
12	4.5	107	H = 500	2T	22	I12
12	4.5	107	L = 405	2T	22	I12
12	4.5	107	H = 500	VDA	22	I12
12	4.5	107	L = 405	VDA	22	I12
12	4.5	107	H = 500	USCAR	22	I12
12	4.5	107	L = 405	USCAR	22	I12

See table pag. 44

Accessories

Accessoires

Zubehör

Adapters with original equipment connector that allows easier installation of two-terminal emergency horns.

Adaptateurs avec connecteur de première installation qui permet une installation plus facile de l'avertisseur à deux bornes.

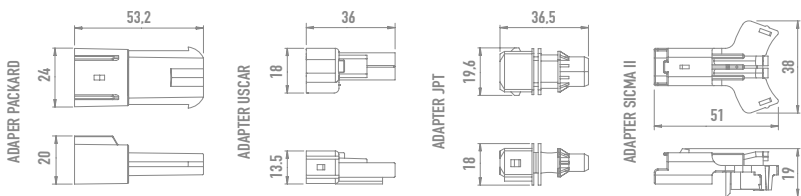
Adapter mit Erstausrüster-Anschluss für eine leichtere Installation der zweipoligen Signaleinrichtung.

Relays available in 12V versions to complete the electrical circuit.

Relais disponibles à 12V pour compléter le circuit électrique.

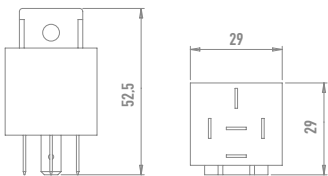
Mit 12V erhältliches Relais zur Vervollständigung des Stromkreises.

Voltage Tension Spannung	Suitable for Approprié pour Geeignet für	Minimum Order Quantity	Packaging
V		u.	



For 2 terminals connection

ADAPTER PACKARD COD. 920316 KIT OF 3 PCS	-	IVECO • MERCEDES • OPEL • RENAULT VOLKSWAGEN	9	S2
ADAPTER USCAR COD. 920317 KIT OF 3 PCS	-	ALFAROMEQ • FERRARI • FIAT • FORD • HOLDEN • JAGUAR LANDROVER • LANCIA • OPEL • VAUXALL • VOLVO	9	S2
ADAPTER JPT COD. 920318 KIT OF 3 PCS	-	ALFAROMEQ • DACIA • FORD • LAND ROVER MASERATI • RENAULT • VOLVO	9	S2
ADAPTER SICMA II COD. 920319 KIT OF 3 PCS	-	CITROEN • PEUGEOT	9	S2



RELAY 12V COD. 920960 5 PINS	12	-	240	U
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Automotive

Truck & Bus

FIAMM

Acoustic Devices



ELECTROMAGNETIC HORNS

The sound is produced through an electro-magnetic circuit that forces a membrane to vibrate at high frequency.

> Horns

> Discs

Sound Power

Dimension

Lifespan



TR99 line

22



HK line

23

AIR HORN

The sound is produced when compressed air passes through an acoustic trumpet.

> Pneumatic

Solutions operating with the on-board air system of the vehicle

> Electropneumatic

Solutions equipped with a compressor and a set of trumpets



JERICHO line
FA 260 line
FULTONE line
TIR line
TC2 line

24



M4 line
ALA line

29

BACK-UP ALARMS

Reverse horns for heavy and industrial vehicles

> Electronic



BA line
BK line

32

TR99 line

A full range of approved road emergency horns for trucks that can also be used as industrial vehicle warning signals.

Une gamme complète d'avertisseurs routiers homologués pour camions, utilisables aussi comme avertisseurs pour moyens industriels.

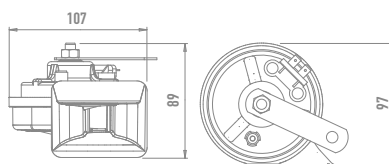
Eine komplette Produktreihe mit für den Straßenverkehr zugelassenen Hupen für LKWs, die auch für Industriefahrzeuge geeignet sind.

ELECTROMAGNETIC HORNS AVERTISSEURS ÉLECTROMAGNÉTIQUES ELEKTROMAGNETISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	u.	



Steel/ABS

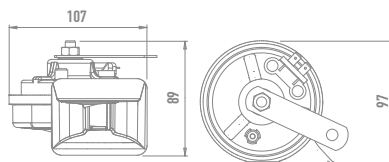


Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

TR99 - 2T COD. 922010 + 1 RELAY	24	5	112	L = 420 H = 500	16	G1
TR99/L+L - 2T COD. 922012 + 1 RELAY	24	5	112	L = 420 L = 420	16	G1



Steel/ABS

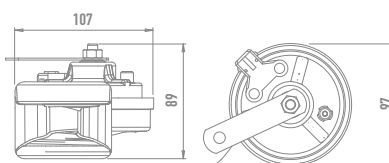


Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

TR99/H 24V - 2T COD. 922020	24	2.5	109	H = 500	32	L4
TR99/L 24V - 2T COD. 922021	24	2.5	109	H = 420	32	L4



Steel/ABS



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

TR99/L+L - JPT COD. 922018 + 1 RELAY	24	65	112	L = 420 L = 420	16	G1
TR99/L - PACKARD COD. 422263114	24	2.5	109	L = 420	9	I3

A full range of approved road emergency horns for trucks that can also be used as industrial vehicle warning signals.

Une gamme complète d'avertisseurs routiers homologués pour camions, utilisables aussi comme avertisseurs pour moyens industriels.

Eine komplette Produktreihe mit für den Straßenverkehr zugelassenen Hupen für LKWs, die auch für Industriefahrzeuge geeignet sind.

HK line



ELECTROMAGNETIC HORNS DISCS DISQUES ÉLECTROMAGNÉTIQUES ELEKTROMAGNETISCHE TELLERHÖRNER

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Decibel
Décibels
Schallpegel

dB(A) 2m

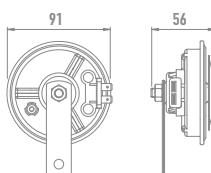
Frequency
Fréquence
Frequenz

Hz

Minimum
Order
Quantity

u.

Packaging



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

HK9 - 2T >
COD. 920368
+ 1 RELAY

24

3

113

L = 340
H = 425

12

114

HK9/H - 2T >
COD. 920369

24

1.5

110

H = 425

22

113

HK9/L - 2T >
COD. 920370

24

1.5

110

L = 340

22

113

Steel/Aluminium

JERICO line

Pneumatic horns that operate with on-board air, with a powerful sound and attractive design.

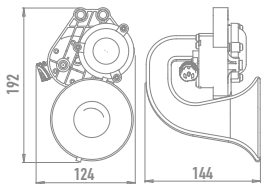
Avertisseurs pneumatiques, qui fonctionnent avec l'air interne, son puissant et design attirant.

Pneumatische Hupen, die mit Fahrzeugdruckluft funktionieren. Sie haben einen starken Klang und ein ansprechendes Design.



PNEUMATIC HORNS
AVERTISSEURS PNEUMATIQUES
PNEUMATISCHE HUPEN

Air consumption Consommation d'air Luftverbrauch	Pressure Pression Betriebsdruck	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
l/sec	kPa	dB(A) 2m	Hz	u.	

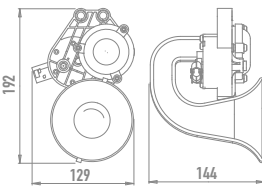


24 V | 0,8 A



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

ABS	JERICO AIR COMPACT COD. 928028	0.4	300 1000	118	400	13	R
-----	-----------------------------------	-----	-------------	-----	-----	----	---



24 V | 0,8 A



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

ABS	JERICO AIR COMPACT 24V HDSCS COD. 928026	0.4	300 1000	118	400	13	R
-----	--	-----	-------------	-----	-----	----	---

Volvo and Renault Truck since 2013

Pneumatic horns that operate with on-board air, with a powerful sound and attractive design.

Avertisseurs pneumatiques, qui fonctionnent avec l'air interne, son puissant et design attirant.

Pneumatische Hupen, die mit Fahrzeugdruckluft funktionieren. Sie haben einen starken Klang und ein ansprechendes Design.

FA 260 line



PNEUMATIC HORNS
AVERTISSEURS PNEUMATIQUES
PNEUMATISCHE HUPEN

Air consumption Consommation d'air Luftverbrauch	Pressure Pression Betriebsdruck	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
l/sec	kPa	dB(A) 2m	Hz	u.	



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

FA 260 >
COD. 921130

7

500
1000

117

260

6

F17

FULTONE line

Pneumatic horns that operate with on-board air, with a powerful sound and attractive design.

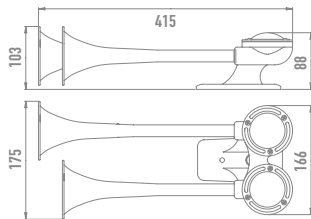
Avertisseurs pneumatiques, qui fonctionnent avec l'air interne, son puissant et design attirant.

Pneumatische Hupen, die mit Fahrzeugdruckluft funktionieren. Sie haben einen starken Klang und ein ansprechendes Design.



PNEUMATIC HORNS
AVERTISSEURS PNEUMATIQUES
PNEUMATISCHE HUPEN

Air consumption Consommation d'air Luftverbrauch	Pressure Pression Betriebsdruck	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
l/sec	kPa	dB(A) 2m	Hz	u.	



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Inox Steel

FULTONE T >
COD. 920308

0.9

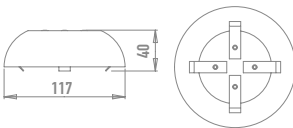
500
1200

117

L = 260
H = 300

6

F4



Chromated Steel

SPOILER FULTONE T >
COD. 920322
KIT OF 2 PCS

-

9

15

Pneumatic horns that operate with on-board air, with a powerful sound and attractive design.

Avertisseurs pneumatiques, qui fonctionnent avec l'air interne, son puissant et design attirant.

Pneumatische Hupen, die mit Fahrzeugdruckluft funktionieren. Sie haben einen starken Klang und ein ansprechendes Design.

TIR line

PNEUMATIC HORNS AVERTISSEURS PNEUMATIQUES PNEUMATISCHE HUPEN

Air consumption
Consommation
d'air
Luftverbrauch

l/sec

Pressure
Pression
Betriebsdruck

kPa

Decibel
Décibels
Schallpegel

dB(A) 2m

Frequency
Fréquence
Frequenz

Hz

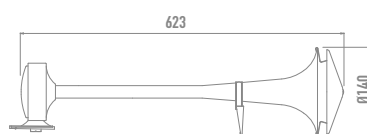
Minimum Order Quantity

u.

Packaging



Inox Steel



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Standard application
MAN • MERCEDES • HYUNDAI

TA150 >
COD. 920613

5.5

600
1200

118

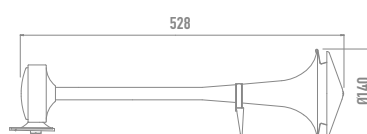
150

9

M



Inox Steel



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Standard application
MAN • MERCEDES • HYUNDAI

TA180 >
COD. 920614

5.5

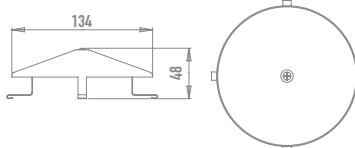
600
1200

118

180

9

M



Inox Steel

SPOILER TIR >
COD. 920326
KIT OF 2 PCS

-

9

15

TC/2 line

Pneumatic horns that operate with on-board air, with a powerful sound and attractive design.

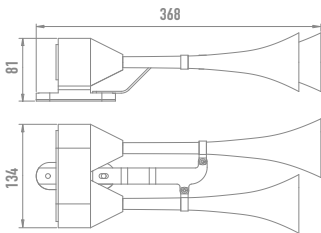
Avertisseurs pneumatiques, qui fonctionnent avec l'air interne, son puissant et design attirant.

Pneumatische Hupen, die mit Fahrzeugdruckluft funktionieren. Sie haben einen starken Klang und ein ansprechendes Design.



PNEUMATIC HORNS
AVERTISSEURS PNEUMATIQUES
PNEUMATISCHE HUPEN

Air consumption Consommation d'air Luftverbrauch	Pressure Pression Betriebsdruck	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
l/sec	kPa	dB(A) 2m	Hz	u.	



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

ABS
Standard application = IVECO

TC/2 PV WITH BRACKET >
COD. 921126

0.9	500 1200	117	L = 392 H = 415	6	F5
-----	-------------	-----	--------------------	---	----

Electropneumatic horns with a clean and powerful sound, equipped with a new and easy installation compressor.

Avertisseurs électropneumatiques, son puissant et net, pourvus d'un compresseur de nouvelle génération et facile à installer.

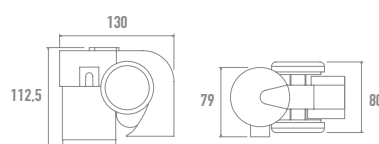
Elektropneumatische Hupen mit starkem und sauberem Klang, sie sind mit einem leicht installierbaren Verdichter der neuen Generation ausgestattet.

M4 line



ELECTROPNEUMATIC HORNS AVERTISSEURS ÉLECTROPNEUMATIQUES ELEKTROPNEUMATISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	H	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	mm	u.	

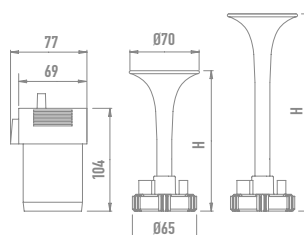


Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

ULTIMATE BLAST > COD. 920621

ABS, Steel, Aluminum

24	8	115	L = 530 H = 660	-	12	C4
----	---	-----	--------------------	---	----	----



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

M4/TA2 > COD. 921982 PLASTIC M4/TA-BLU > COD. 921987 PLASTIC

Steel/Aluminium

24	8	116	L = 655 H = 828	203 147	10	B3
24	8	116	L = 622 H = 788	212 152	10	B3

ELECTROPNEUMATIC HORNS
AVERTISSEURS ÉLECTROPNEUMATIQUES
ELEKTROPNEUMATISCHE HUPEN

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Decibel
Décibels
Schallpegel

dB(A) 2m

Frequency
Fréquence
Frequenz

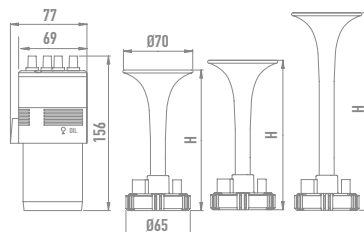
Hz

H
mm

Minimum
Order
Quantity

u.

Packaging



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Steel/Aluminium

TRIO
COD. 921968
PLASTIC



24

8

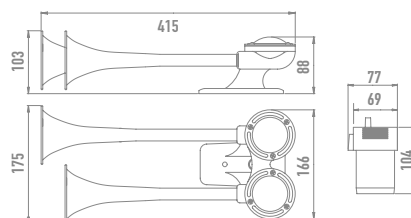
116

L = 655
M = 768
H = 828

203
155
147

10

B1



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Steel/Aluminium

M4/FUL
COD. 921990
INOX STEEL



12

17

115

L = 260
H = 300

-

6

F9

Electropneumatic horn
ideal for installations
on public transport
vehicles.

Avertisseur électropneumatique idéal
pour installations sur
moyens de transport
public urbain.

Elektropneumatische
Hupe, ideal für die
Installation an öffentli-
chen Verkehrsmitteln.

ALA line



ELECTROPNEUMATIC HORNS AVERTISSEURS ÉLECTROPNEUMATIQUES ELEKTROPNEUMATISCHE HUPEN

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Decibel
Décibels
Schallpegel

dB(A) 2m

Frequency
Fréquence
Frequenz

Hz

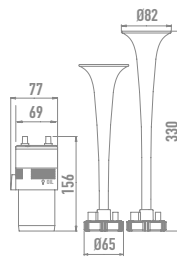
Minimum
Order
Quantity

u.

Packaging



Steel/Aluminium



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

ALA 12V
COD. 921997
PLASTIC
ALA 24V
COD. 921998
PLASTIC



12

17

116

L = 390
H = 490

8

H

24

8

116

L = 390
H = 490

8

H

BA line BK line

Reverse horns for applications on heavy and industrial vehicles. The range includes horns with different technical and acoustic features to satisfy all possible applications.

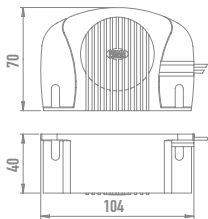
Avertisseurs de marche-arrière pour applications sur véhicules industriels. La gamme comprend des avertisseurs ayant différentes caractéristiques techniques et sonores pour satisfaire toutes les applications.

Rückfahrhörner zur Anwendung an LKWs und Industriefahrzeugen. Die Produktpalette beinhaltet Signaleinrichtungen mit unterschiedlichen Eigenschaften in Technik und Klang um allen möglichen Anwendungen zu entsprechen.



BACK-UP ALARMS
AVERTISSEUR DE REcul
RÜCKFAHRMELDER

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 1.2m	Hz	u.	

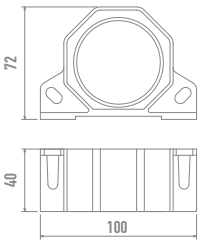


Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

ABS

BA87 >
COD. 923152
TYPE C ALARM

24	0.5	97	1500	22	12
12	1				



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Nylon

BA87 12-80V >
COD. 923163
TYPE C ALARM

12-80	0.3	97	1270	35	G2
-------	-----	----	------	----	----

BACK-UP ALARMS
AVERTISSEUR DE RECUL
RÜCKFAHRMELDER
Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Decibel
Décibels
Schallpegel

dB(A) 1.2m

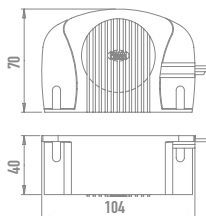
Frequency
Fréquence
Frequenz

Hz

Minimum
Order
Quantity

u.

Packaging


Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

ABS

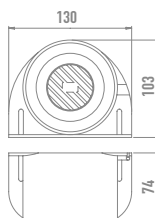
BA107 >
COD. 923158
TYPE B ALARM
24
120.5
1

107

1400

22

12


Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

ABS

BA112 >
COD. 923159
TYPE A ALARM
BA87-112 ADAPTIVE >
COD. 923160
TYPE A-D ALARM
24
120.5
1

112

1400

9

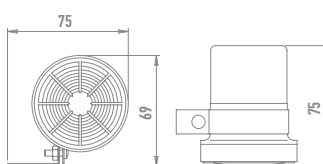
13

24
120.5
187
112 adaptive

1400

9

13


MINI ALARM 97 >
COD. 923161

Plastic

12

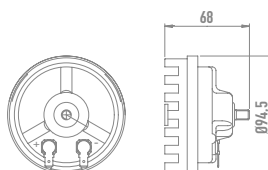
0.7

97

1700

22

17


BK9 HEAVY DUTY - 2T >
COD. 923009

Steel/ABS

24
120.7
1.4

94

780

22

11

Accessories

Accessoires

Zubehör

PNEUMATIC HORNS

AVERTISSEURS PNEUMATIQUES

PNEUMATISCHE HUPEN

Voltage
Tension
Spannung

V

Pressure
Pression
Betriebsdruck

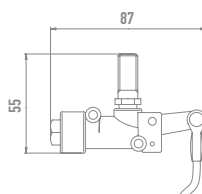
kPa

Suitable for
Approprié pour
Geeignet für

Minimum
Order
Quantity

u.

Packaging



AIR HORN VALVE KIT >

COD. 920321

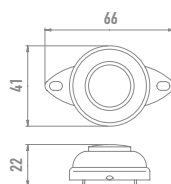
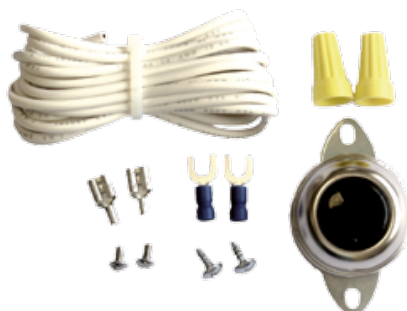
Steel

MANUAL

500
1200TA180 / TA150
FULTONE / TC/2 PV

9

S3



HORN BUTTON SWITCH KIT >

COD. 920320

Plastic/metal

12
24

-

ELECTRIC HORNS

9

S3

PNEUMATIC HORNS

AVERTISSEURS PNEUMATIQUES

PNEUMATISCHE HUPEN

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Pressure
Pression
Betriebsdruck

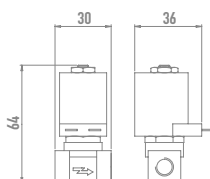
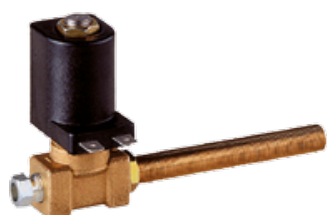
Bar

Suitable for
Approprié pour
Geeignet für

Minimum
Order
Quantity

u.

Packaging



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

EV 12V - 2T >

COD. 920950

12

1.5

500
1200

8

A

EV 24V - 2T >

COD. 920975

24

0.7

500
1200

8

A

EV 24V WITH FILTER - 2T >

COD. 921131

24

0.7

500
1200

8

A

TA180
TA150
FULTONE
TC/2 PV

Metal

COMPRESSORS
COMPRESSEURS
VERDICHTER
Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Pressure
Pression
Betriebsdruck

Bar

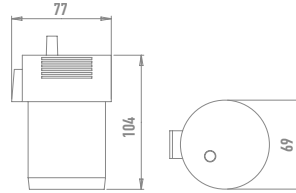
Air flow
Débit d'air
Luftlieferleistung

l/min

Minimum
Order
Quantity

u.

Packaging


Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

M4 12V >
COD. 921988

12

17

1.2

80

16

18

M4 24V >
COD. 921989

24

8

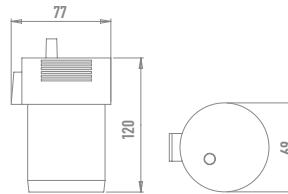
1.2

80

16

18

Steel/Aluminium


Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

MC4 12V >
COD. 921991

12

17

1.4

80

16

19

MC4 24V >
COD. 921992

24

8

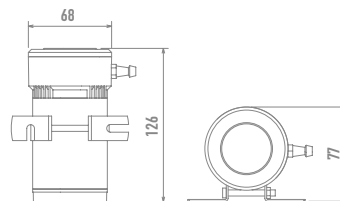
1.4

80

16

19

Steel/Aluminium


Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

MC4+ 12V >
COD. 921937

12

17

1.9

80

16

110

MC4+ 24V >
COD. 921938

24

8

1.9

80

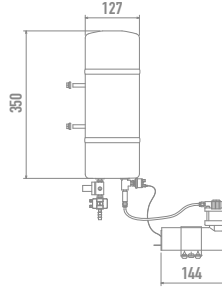
16

110

Steel/Aluminium

COMPRESSORS
COMPRESSEURS
VERDICHTER

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Pressure Pression Betriebsdruck	Air flow Débit d'air Luftlieferleistung	Minimum Order Quantity	Packaging
V	A	Bar	l/min	u.	



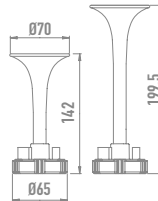
TA150 | TA 180 | TA/NR | TA/NS | TA DUAL | TA MP

HIGH PRESSURE AIR SYSTEM >
COD. 921125

12	11	3	100	1	V
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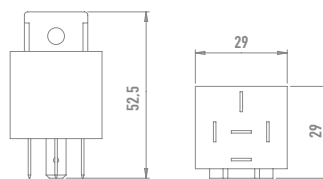
TRUMPETS
TROMPES
HÖRNER

Voltage Tension Spannung	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Pressure Pression Betriebsdruck	Air consumption Consommation d'air Luftverbrauch	Minimum Order Quantity	Packaging
V	dB(A) 2m	Hz	Bar	l/min	u.	


TA/O SHORT
COD. 920358
 PLASTIC - 1 PC
TA/2
COD. 920357
 PLASTIC - KIT OF 2 PCS

-	118	831	1 - 4	30	40	F2
-	118	659 831	1 - 4	60	20	F1

Voltage Tension Spannung	Suitable for Approprié pour Geeignet für	Minimum Order Quantity	Packaging
V		u.	


RELAY 24V >
COD. 920961
 5 PINS

24	-	240	U
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Automotive

Motorbike



FIAMM

Acoustic Devices



ELECTROMAGNETIC HORNS

The sound is produced through an electro-magnetic circuit that forces a membrane to vibrate at high frequency.

> Horns

> Discs

Sound Power



Dimension



Lifespan



AM80 line

38

HK line

41

ELECTRONIC HORNS

Frequency is controlled by an electronic circuit, leading to an increased product lifespan (high usage markets).

> Horns

LLH line

42

ELECTROPNEUMATIC HORNS

The sound is produced when compressed air passes through an acoustic trumpet.

> Electropneumatic
Solutions equipped with
a compressor and a set
of trumpets

Ultimate Blast

43

AM80 line

Compact emergency horn approved for road use. The most commonly installed by car manufacturers.

Avertisseur homologué, de petite taille pour utilisation routière. Le système est le plus installé par la première monte.

Für den Straßenverkehr zugelassene Signaleinrichtung mit kleiner Hupe. Die von den Fahrzeugherstellern meist installierte Hupe.

AM80SX The technological evolution

THE ORIGINAL EQUIPMENT
BEST CHOICE
MORE COMPACT MORE
POWERFUL

100.000
cycles

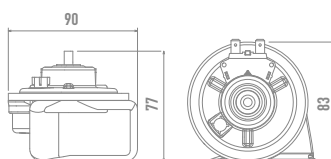


Sounds / Sons / Klänge www.fiamm.com/Horns



ELECTROMAGNETIC HORNS AVERTISSEURS ÉLECTROMAGNÉTIQUES ELEKTROMAGNETISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Connectors Connecteurs Stecker	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	See table pag. 44	u.	



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

AM80SX - 2T COD. 932020Z + 1 RELAY	>	12	9	113	L = 405 H = 495	2T	36	I18
AM80SX/H 12V - 2T COD. 932039Z	>	12	4,5	110	H = 495	2T	66	I17
AM80SX/L 12V - 2T COD. 932040Z	>	12	4,5	110	L = 405	2T	66	I17

Steel/ABS

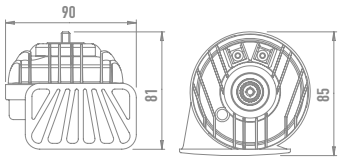
See table pag. 44

AM80S



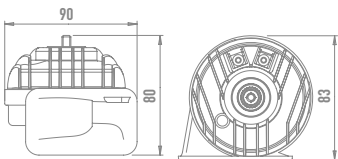
ELECTROMAGNETIC HORNS
AVERTISSEURS ÉLECTROMAGNÉTIQUES
ELEKTROMAGNETISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Connectors Connecteurs Stecker	Minimum Order Quantity u.	Packaging
V	A	dB(A) 2m	Hz	See table pag. 44		



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Steel/ABS	AM80S SUPER - 2T COD. 924650 + 1 RELAY	12	9	110	L = 405 H = 500	2T	36	116
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Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Steel/ABS	AM80S LUXE - 2T COD. 924648 + 1 RELAY	12	9	110	L = 405 H = 500	2T	36	116
-----------	---	----	---	-----	--------------------	----	----	-----

See table pag. 44

ELECTROMAGNETIC HORNS
AVERTISSEURS ÉLECTROMAGNÉTIQUES
ELEKTROMAGNETISCHE HUPEN

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Decibel
Décibels
Schallpegel

dB(A) 2m

Frequency
Fréquence
Frequenz

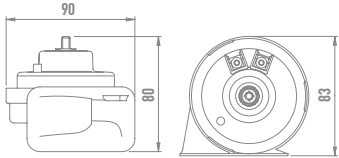
Hz

Connectors
Connecteurs
Stecker

See table pag. 44

Minimum
Order Quantity
u.

Packaging



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

AM80S - 2T >
COD. 924642
 + 1 RELAY

12

9

110

L = 405
H = 500

2T

36

I16

AM80S/H - 2T >
COD. 924156

12

4,5

107

H = 500

2T

66

I15

AM80S/L - 2T >
COD. 924157

12

4,5

107

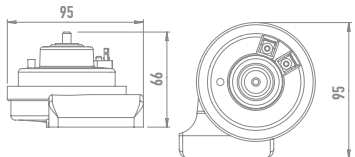
L = 405

2T

66

I15

Steel/ABS



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

AM80S-R - 2T >
COD. 927588
 + 1 RELAY

12

9

110

L = 405
H = 500

2T

36

I16

See table pag. 44

Steel/ABS

A full range of approved road emergency horns for trucks that can also be used as industrial vehicle warning signals.

Une gamme complète d'avertisseurs routiers homologués pour camions, utilisables aussi comme avertisseurs pour moyens industriels.

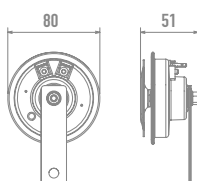
Eine komplette Produktreihe mit für den Straßenverkehr zugelassenen Hupen für LKWs, die auch für Industriefahrzeuge geeignet sind.

HK line



ELECTROMAGNETIC HORNS DISCS DISQUES ÉLECTROMAGNÉTIQUES ELEKTROMAGNETISCHE TELLERHÖRNER

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	u.	



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

HK8 - 2T >
COD. 930067
+ 1 RELAY

HK8/H- 2T >
COD. 930068

HK8/L- 2T >
COD. 930069

12

8

113

L = 350
H = 420

12

I14

12

4

110

H = 420

22

I12

12

4

110

L = 350

22

I12

Steel

LLH line

LLH, Long Life Horn, is an electronic snail horn engineered by FIAMM. This horn can be installed in every car model thanks to its compact size due to internal electronics assembly and it ensures a duration of more than 2 million cycles.

LLH, Long Life Horn, est un avertisseur électronique conçu par FIAMM. Cet avertisseur peut être installé dans tous les modèles de voiture grâce à ses dimensions compactes dues à l'assemblage interne de l'électronique.

LLH, Long Life Horn, ist eine von FIAMM entwickelte schneckenförmige Hupe. Diese Hupe kann dank seiner kompakten Abmessungen in jedem Auto durch interne Elektronik installiert werden.

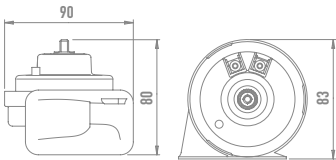


ELECTRONIC HORNS AVERTISSEURS ÉLECTRONIQUES ELEKTRONISCHE HUPEN	Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Connectors Connecteurs Stecker	Minimum Order Quantity	Packaging
	V	A	dB(A) 2m	Hz	See table pag. 44	u.	



Steel/ABS

ELECTRONIC LONG LIFE
HORN 2.000.000 cycles



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

LLH - 2T COD. 925047 + 1 RELAY	12	9	110	L = 405 H = 500	2T	12	I14
LLH/H - 2T COD. 925049	12	4,5	107	H = 500	2T	22	I12
LLH/L - 2T COD. 925048	12	4,5	107	L = 405	2T	22	I12

See table pag. 44

Electropneumatic horns with a clean and powerful sound, equipped with a new and easy installation compressor.

Avertisseurs électropneumatiques, son puissant et net, pourvus d'un compresseur de nouvelle génération et facile à installer.

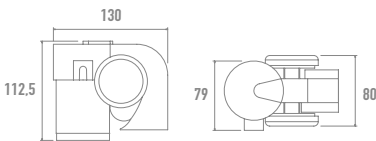
Elektropneumatische Hupen mit starkem und sauberem Klang, sie sind mit einem leicht installierbaren Verdichter der neuen Generation ausgestattet.

Ultimate Blast



ELECTROPNEUMATIC HORNS
AVERTISSEURS ÉLECTROPNEUMATIQUES
ELEKTROPNEUMATISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	u.	



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

ABS, Steel, Aluminum

ULTIMATE BLAST >
COD. 921939

12

19

115

L = 530
H = 660

12

C4

Accessories

Accessoires

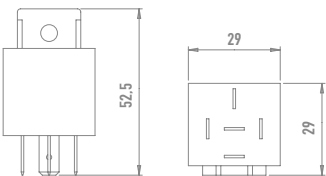
Zubehör

Relays available in 12V versions to complete the electrical circuit.

Relais disponibles à 12V pour compléter le circuit électrique.

Mit 12V erhältliches Relais zur Vervollständigung des Stromkreises.

	Voltage Tension Spannung	Suitable for Approprié pour Geeignet für	Minimum Order Quantity	Packaging
	V		u.	



RELAY 12V >
COD. 920960
5 PINS

12

-

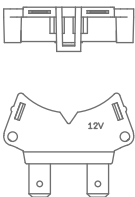
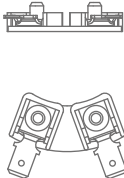
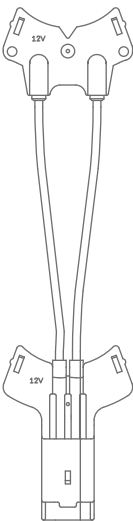
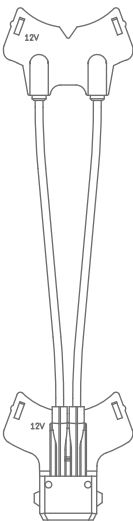
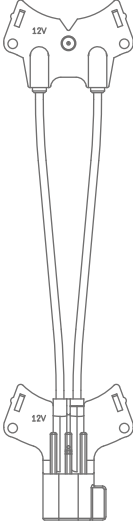
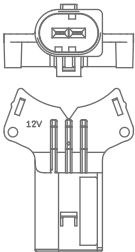
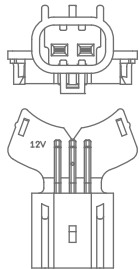
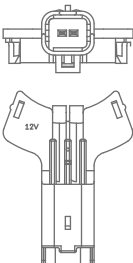
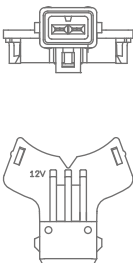
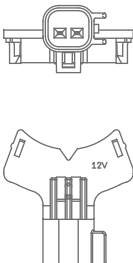
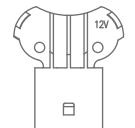
240

U

Connectors

Connecteurs

Stecker

 VDA		 2T		 JUMPER SICMA II		 JUMPER JPT		 JUMPER USCAR	
 ELO POWER		 PACKARD		 SICMA II		 JPT		 USCAR	
 ELO STECKER									

Industrial & Heavy Duty

Electromagnetic & Electronic Horns



ELECTROMAGNETIC HORNS

The sound is produced through an electro-magnetic circuit that forces a membrane to vibrate at high frequency.

> Horns

> Discs

Sound Power

Dimension

Lifespan



AM80 line
TR99 line

46



HK line

49

ELECTRONIC HORNS

Frequency is controlled by an electronic circuit, leading to an increased product lifespan (high usage markets).

> Horns

> Discs



LLH line

50



HK9E line

51

AM80 line

Compact emergency horn approved for road use. The most commonly installed by car manufacturers.

Avertisseur homologué, de petite taille pour utilisation routière. Le système est le plus installé par la première monte.

Für den Straßenverkehr zugelassene Signaleinrichtung mit kleiner Hupe. Die von den Fahrzeugherstellern meist installierte Hupe.

AM80SX The technological evolution

THE ORIGINAL EQUIPMENT
BEST CHOICE
MORE COMPACT
MORE POWERFUL

100.000
cycles

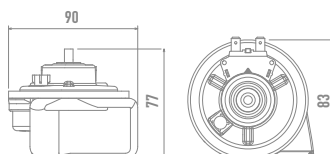


Sounds / Sons / Klänge www.fiamm.com/Horns



ELECTROMAGNETIC HORNS AVERTISSEURS ÉLECTROMAGNÉTIQUES ELEKTROMAGNETISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Connectors Connecteurs Stecker	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	See table pag. 44	u.	



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

AM80SX/H 12V - 2T COD. 932039Z	12	4,5	110	H = 495	2T	66	117
AM80SX/L 12V - 2T COD. 932040Z	12	4,5	110	L = 405	2T	66	117

Steel/ABS

See table pag. 44

AM80S

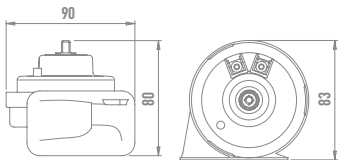


ELECTROMAGNETIC HORNS
AVERTISSEURS ÉLECTROMAGNÉTIQUES
ELEKTROMAGNETISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Connectors Connecteurs Stecker	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	See table pag. 44	u.	



Steel/ABS



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

AM80S/H - 2T > COD. 924156	12	4.5	107	H = 500	2T	66	I15
AM80S/L - 2T > COD. 924157	12	4.5	107	L = 405	2T	66	I15

See table pag. 44

TR99 line

A full range of approved road emergency horns for trucks that can also be used as industrial vehicle warning signals.

Une gamme complète d'avertisseurs routiers homologués pour camions, utilisables aussi comme avertisseurs pour moyens industriels.

Eine komplette Produktreihe mit für den Straßenverkehr zugelassenen Hupen für LKWs, die auch für Industriefahrzeuge geeignet sind.

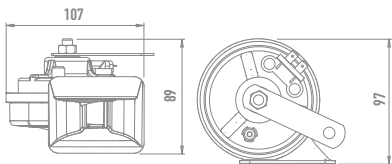


ELECTROMAGNETIC HORNS
AVERTISSEURS ÉLECTROMAGNÉTIQUES
ELEKTROMAGNETISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	u.	



Steel/ABS



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

TR99/H 24V - 2T COD. 922020	>	24	2.5	109	H = 500	32	L4
TR99/L 24V - 2T COD. 922021	>	24	2.5	109	L = 420	32	L4

Approved disc horns, available in the 80 mm version, ideal for applications on motorcycles and small cylinder vehicles, and in the 90 mm version for trucks.

Avertisseurs à disque homologués, disponibles dans la version 80 mm, idéal pour des applications sur motos et véhicules de petite cylindrée, et dans la version 90 mm pour fourgons.

Zugelassene Teller-Hörner, erhältlich in der 80mm Version, ideal zur Anwendung an Motorrädern und Kleinfahrzeugen und in der 90 mm Version für Lieferwagen.

HK line

ELECTROMAGNETIC HORNS DISCS DISQUES ÉLECTROMAGNÉTIQUE ELEKTROMAGNETISCHE TELLERHÖRNER

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Decibel
Décibels
Schallpegel

dB(A) 2m

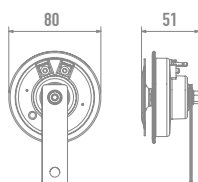
Frequency
Fréquence
Frequenz

Hz

Minimum
Order
Quantity

u.

Packaging



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

HK8/H - 2T
COD. 930068

12

4

110

H = 420

22

I12

HK8/L - 2T
COD. 930069

12

4

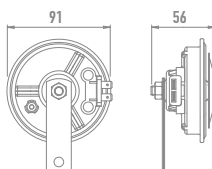
110

L = 350

22

I12

Steel



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

HK9/H - 2T
COD. 920995

12

3

110

H = 425

22

I13

HK9/L - 2T
COD. 920996

12

3

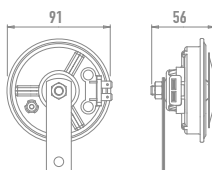
110

L = 340

22

I13

Steel



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

HK9/H - 2T
COD. 920369

24

1.5

110

H = 425

22

I13

HK9/L - 2T
COD. 920370

24

1.5

110

L = 340

22

I13

Steel/Aluminium

LLH line

LLH, Long Life Horn, is an electronic snail horn engineered by FIAMM. This horn can be installed in every car model thanks to its compact size due to internal electronics assembly and it ensures a duration of more than 2 million cycles.

LLH, Long Life Horn, est un avertisseur électronique conçu par FIAMM. Cet avertisseur peut être installé dans tous les modèles de voiture grâce à ses dimensions compactes dues à l'assemblage interne de l'électronique.

LLH, Long Life Horn, ist eine von FIAMM entwickelte schneckenförmige Hupe. Diese Hupe kann dank seiner kompakten Abmessungen in jedem Auto durch interne Elektronik installiert werden.



ELECTRONIC HORNS
AVERTISSEURS ÉLECTRONIQUES
ELEKTRONISCHE HUPEN

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Decibel
Décibels
Schallpegel

dB(A) 2m

Frequency
Fréquence
Frequenz

Hz

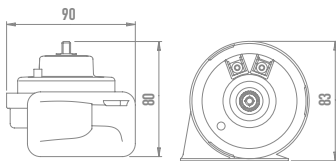
Connectors
Connecteurs
Stecker

See table pag. 44

Minimum
Order Quantity

u.

Packaging



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Steel/ABS

LLH/H - 2T >
COD. 925049

12

4,5

107

H = 500

2T

22

I12

LLH/L - 2T >
COD. 925048

12

4,5

107

L = 405

2T

22

I12

ELECTRONIC LONG LIFE
HORN 2.000.000 cycles

See table pag. 44

Electronic disc horn for industrial and military applications, available in multivoltage 24-48V.

Avertisseur électronique à disque pour applications industrielles et militaires, disponible avec tensions multiples 24-48 V.

Elektronisches Teller-Horn für industrielle und militärische Anwendungen, erhältlich in Multispannung 24-48V.

HK9E line



ELECTROMAGNETIC HORNS DISCS DISQUES ÉLECTROMAGNÉTIQUE ELEKTROMAGNETISCHE TELLERHÖRNER

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Decibel
Décibels
Schallpegel

dB(A) 2m

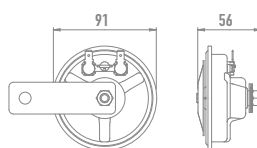
Frequency
Fréquence
Frequenz

Hz

Minimum
Order
Quantity

u.

Packaging



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Steel/Aluminium

ELECTRONIC LONG LIFE
HORN 500.000 cycles

HK9/E - 2T >
COD. 985902

48
24

0,4
0,8

110

430

22

11

Continuous sound

Industrial & Heavy Duty

Air Horns



AIR HORN

The sound is produced when compressed air passes through an acoustic trumpet.

> **Pneumatic**
Solutions operating with the on-board air system of the vehicle

> **Electropneumatic**
Solutions equipped with a compressor and a set of trumpets

Sound Power

Dimension

Lifespan



Jericho line
TIR line
Fultone line

54



M4 line
MT line

56

JERICO line

Pneumatic horns that operate with on-board air, with a powerful sound and attractive design.

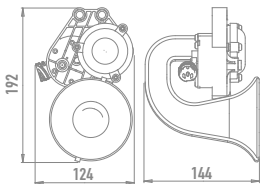
Avertisseurs pneumatiques, qui fonctionnent avec l'air interne, son puissant et design attirant.

Pneumatische Hupen, die mit Fahrzeugdruckluft funktionieren. Sie haben einen starken Klang und ein ansprechendes Design.



PNEUMATIC HORNS
AVERTISSEURS PNEUMATIQUES
PNEUMATISCHE HUPEN

Air consumption Consommation d'air Luftverbrauch	Pressure Pression Betriebsdruck	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
l/sec	kPa	dB(A) 2m	Hz	u.	



24 V | 0,8 A

Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

ABS

JERICO AIR COMPACT >
COD. 928028

0.4

300
1000

118

400

13

R

Pneumatic horns that operate with on-board air, with a powerful sound and attractive design.

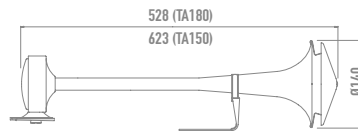
Avertisseurs pneumatiques, qui fonctionnent avec l'air interne, son puissant et design attirant.

Pneumatische Hupen, die mit Fahrzeugdruckluft funktionieren. Sie haben einen starken Klang und ein ansprechendes Design.

TIR line

PNEUMATIC HORNS AVERTISSEURS PNEUMATIQUES PNEUMATISCHE HUPEN

Air consumption Consommation d'air Luftverbrauch	Pressure Pression Betriebsdruck	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
l/sec	kPa	dB(A) 2m	Hz	u.	



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Inox Steel

TA180 >
COD. 920614

5.5	600 1200	118	180	9	M
-----	-------------	-----	-----	---	---

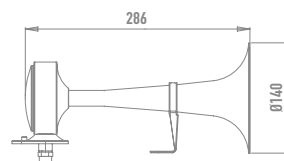
TA150 >
COD. 920613

5.5	600 1200	118	150	9	M
-----	-------------	-----	-----	---	---

SPOILER TIR >
COD. 920326
KIT OF 2 PCS

-				9	15
---	--	--	--	---	----

Standard application
MAN • MERCEDES • HYUNDAI

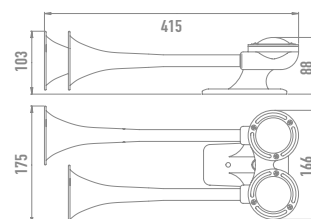


Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Inox Steel

TA MP >
COD. 920374

5.5	400 800	128	380	5	F15
-----	------------	-----	-----	---	-----



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Inox Steel

FULTONE T >
COD. 920308

09	500 1200	117	L = 260 H = 300	6	F4
----	-------------	-----	--------------------	---	----

M4 line MT line

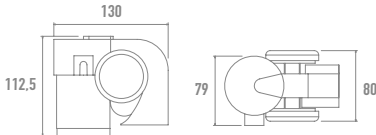
Electropneumatic horns with a clean and powerful sound, equipped with a new and easy installation compressor.

Avertisseurs électropneumatiques, son puissant et net, pourvus d'un compresseur de nouvelle génération et facile à installer.

Elektropneumatische Hupen mit starkem und sauberem Klang, sie sind mit einem leicht installierbaren Verdichter der neuen Generation ausgestattet.



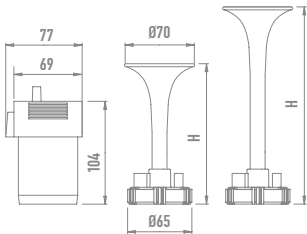
ELECTROPNEUMATIC HORNS AVERTISSEURS ÉLECTROPNEUMATIQUES ELEKTROPNEUMATISCHE HUPEN	Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	H	Minimum Order Quantity	Packaging
	V	A	dB(A) 2m	Hz	mm	u.	



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

ULTIMATE BLAST COD. 921939	12	19	115	L = 530 H = 660	-	12	C4
ULTIMATE BLAST COD. 920621	24	8	115	L = 530 H = 660	-	12	C4

ABS, Steel, Aluminum



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

M4/TA2 COD. 921981 PLASTIC	12	17	116	L = 655 H = 828	203 147	10	B3
M4/TA SPORT COD. 921984 PLASTIC	12	17	116	L = 695 H = 788	193 152	10	B3

Steel/Aluminium

ELECTROPNEUMATIC HORNS
AVERTISSEURS ÉLECTROPNEUMATIQUES
ELEKTROPNEUMATISCHE HUPEN
Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Decibel
Décibels
Schallpegel

dB(A) 2m

Frequency
Fréquence
Frequenz

Hz

H

mm

Minimum
Order
Quantity

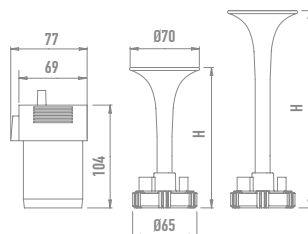
u.

Packaging



Steel/Aluminium

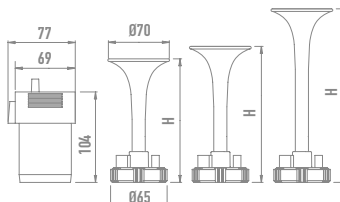
M4/TA-BLU
COD. 921986
 PLASTIC

M4/TA2-M
COD. 921985
 METAL

 Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

12	17	116	L = 622 H = 788	212 152	10	B3
12	17	116	L = 622 H = 788	212 152	10	B3



Steel/Aluminium

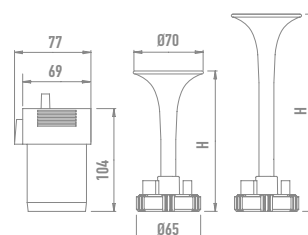
M4/TA3
COD. 921983
 PLASTIC

 Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

12	17	116	L = 655 M = 768 H = 828	203 155 147	10	B3
----	----	-----	-------------------------------	-------------------	----	----



Steel/Aluminium

M4/TA2
COD. 921982
 PLASTIC

M4/TA-BLU
COD. 921987
 PLASTIC

 Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

24	8	116	L = 655 H = 828	203 147	10	B3
24	8	116	L = 622 H = 788	212 152	10	B3

Accessories

Accessoires

Zubehör

PNEUMATIC HORNS

AVERTISSEURS PNEUMATIQUES

PNEUMATISCHE HUPEN

Voltage
Tension
Spannung

V

Pressure
Pression
Betriebsdruck

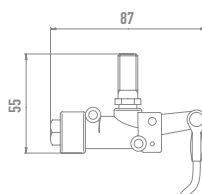
kPa

Suitable for
Approprié pour
Geeignet für

Minimum
Order
Quantity

u.

Packaging



AIR HORN VALVE KIT >
COD. 920321

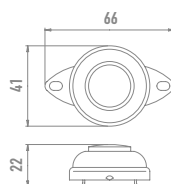
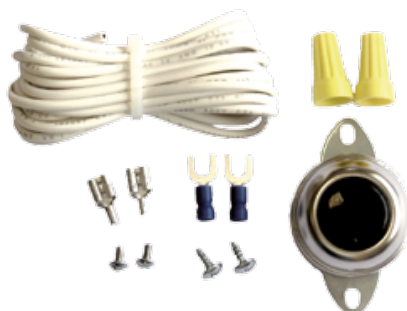
Steel

MANUAL

500
1200TA180 / TA150
FULTONE / TC/2 PV

9

S3



HORN BUTTON SWITCH KIT >
COD. 920320

Plastic/metal

12
24

-

ELECTRIC HORNS

9

S3

PNEUMATIC HORNS

AVERTISSEURS PNEUMATIQUES

PNEUMATISCHE HUPEN

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Pressure
Pression
Betriebsdruck

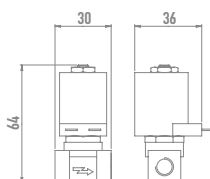
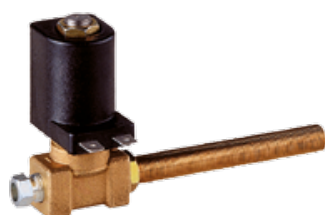
Bar

Suitable for
Approprié pour
Geeignet für

Minimum
Order
Quantity

u.

Packaging



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

EV 12V - 2T >
COD. 920950

12

1.5

500
1200TA180
TA150
FULTONE
TC/2 PV

8

A

EV 24V - 2T >
COD. 920975

24

0.7

500
1200

8

A

Metal

COMPRESSORS
COMPRESSEURS
VERDICHTER
Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Pressure
Pression
Betriebsdruck

Bar

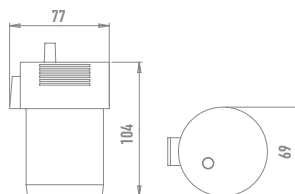
Air flow
Débit d'air
Luftlieferleistung

l/min

Minimum
Order
Quantity

u.

Packaging


 Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

M4 12V >
COD. 921988

12

17

1.2

80

16

18

M4 24V >
COD. 921989

24

8

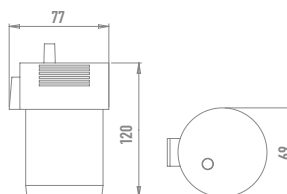
1.2

80

16

18

Steel/Aluminium


 Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

MC4 12V >
COD. 921991

12

17

1.4

80

16

19

MC4 24V >
COD. 921992

24

8

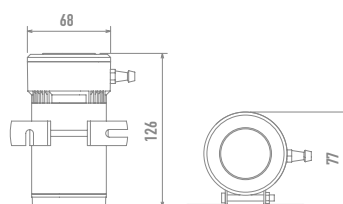
1.4

80

16

19

Steel/Aluminium


 Type approval
 Homologation
 Zulassung
 Reg.28/Reg. 10 ECE

MC4+ 12V >
COD. 921937

12

17

1.9

80

16

110

MC4+ 24V >
COD. 921938

24

8

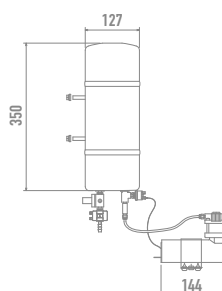
1.9

80

16

110

Steel/Aluminium



TA150 | TA 180 | TA/NR | TA/NS | TA DUAL | TA MP

HIGH PRESSURE AIR SYSTEM >
COD. 921125

12

11

3

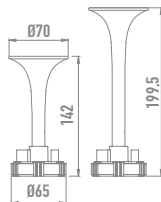
100

1

V

TRUMPETS
TROMPES
HÖRNER

Voltage Tension Spannung	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Pressure Pression Betriebsdruck	Air consumption Consommation d'air Luftverbrauch	Minimum Order Quantity	Packaging
V	dB(A) 2m	Hz	Bar	l/min	u.	



TA/O SHORT
COD. 920358
PLASTIC - 1 PC
TA/2
COD. 920357
PLASTIC - KIT OF 2 PCS

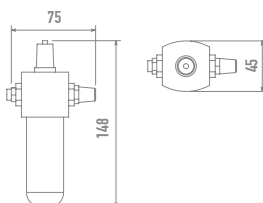
-	118	831	1 - 4	30	40	F2
-	118	659 831	1 - 4	60	20	F1

Suitable for
Approprié pour
Geeignet für

Minimum
Order
Quantity

Packaging

u.



Metal/Plastic

LUBRICATOR >
COD. 920617

MC4 EMERGENCY/MC4+

8

S5

Voltage
Tension
Spannung

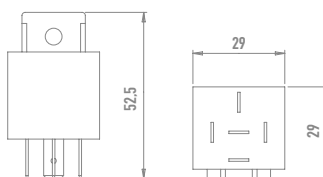
V

Suitable for
Approprié pour
Geeignet für

Minimum
Order
Quantity

u.

Packaging



RELAY 12V >
COD. 920960
5 PINS
RELAY 24V >
COD. 920961
5 PINS

12

-

240

U

24

-

240

U

Industrial & Heavy Duty

Back-up Alarms



		Sound Power	Dimension	Lifespan		
BACK-UP ALARMS Reverse horns for heavy and industrial vehicles	> Electronic	●●●●●	●●●●●	●●●●●	BA line BK line	62
		●●●●●	●●●●●	●●●●●		

BA line BK line

Reverse horns for applications on heavy and industrial vehicles. The range includes horns with different technical and acoustic features to satisfy all possible applications.

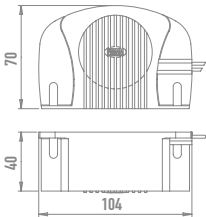
Avertisseurs de marche-arrière pour applications sur véhicules industriels. La gamme comprend des avertisseurs ayant différentes caractéristiques techniques et sonores pour satisfaire toutes les applications.

Rückfahrhörner zur Anwendung an LKWs und Industriefahrzeugen. Die Produktpalette beinhaltet Signaleinrichtungen mit unterschiedlichen Eigenschaften in Technik und Klang um allen möglichen Anwendungen zu entsprechen.



BACK-UP ALARMS
AVERTISSEUR DE REcul
RÜCKFAHRMELDER

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 1.2m	Hz	u.	

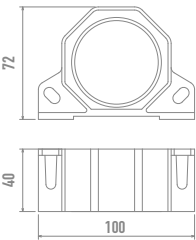


Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

ABS

BA87 >
COD. 923152
TYPE C ALARM

24	0.5	97	1500	22	12
12	1				



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Nylon

BA87 12-80V >
COD. 923163
TYPE C ALARM

12-80	0.3	97	1270	35	G2
-------	-----	----	------	----	----

BACK-UP ALARMS
AVERTISSEUR DE RECUL
RÜCKFAHRMELDER
Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Decibel
Décibels
Schallpegel

dB(A) 1.2m

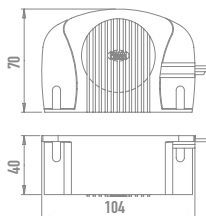
Frequency
Fréquence
Frequenz

Hz

Minimum
Order
Quantity

u.

Packaging



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

ABS

BA107 >
COD. 923158
TYPE B ALARM

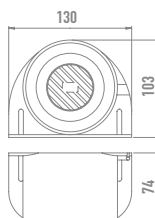
24
120.5
1

107

1400

22

12



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

ABS

BA112 >
COD. 923159
TYPE A ALARM
BA87-112 ADAPTIVE >
COD. 923160
TYPE A-D ALARM

24
120.5
1

112

1400

9

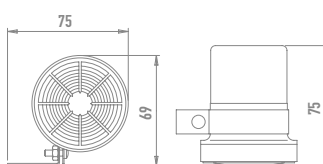
13

24
120.5
187
112 adaptive

1400

9

13



MINI ALARM 97 >
COD. 923161

Plastic

12

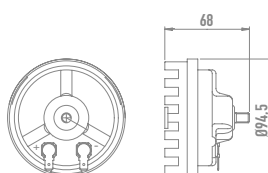
0.7

97

1700

22

17



BK9 HEAVY DUTY - 2T >
COD. 923009

Steel/ABS

24
120.7
1.4

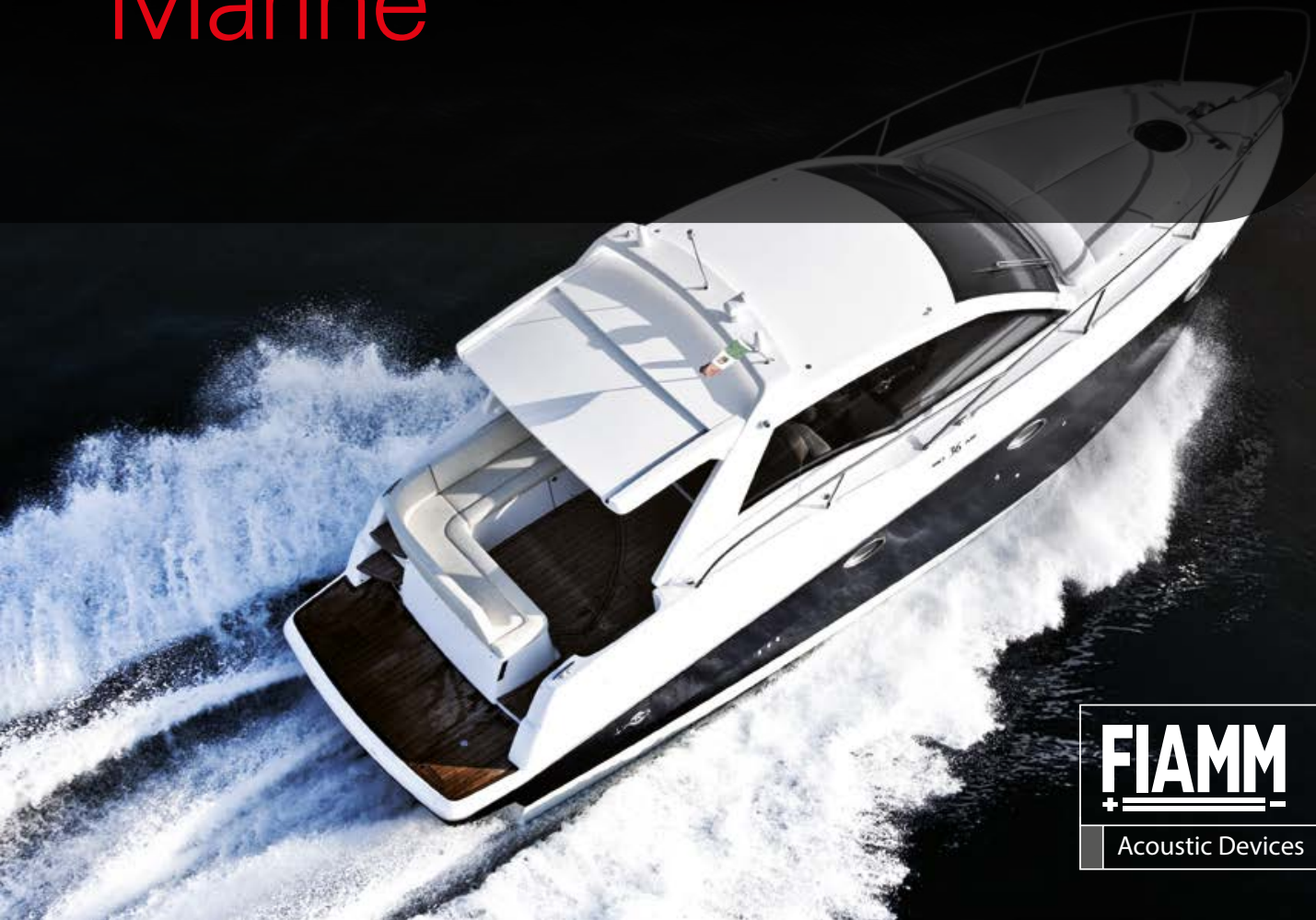
94

780

22

11

Marine



FIAMM

Acoustic Devices



ELECTROMAGNETIC HORNS

The sound is produced through an electro-magnetic circuit that forces a membrane to vibrate at high frequency.

> Horns

Sound Power



Dimension



Lifespan



VEGA line

66



MARINE HORN line

67

AIR HORN

The sound is produced when compressed air passes through an acoustic trumpet.

> Pneumatic

Solutions operating with the on-board air system of the vehicle

> Electropneumatic

Solutions equipped with a compressor and a set of trumpets



TA line

68

VEGA line

Electromagnetic steel trumpets for excellent audibility at sea. Available in two-tones and pairs.

Trompe électromagnétique en acier, parfaite audibilité en mer. Disponible dans deux couleurs et en modèle double.

Elektromagnetische Hupe aus Stahl, die auf See besonders gut hörbar ist. Als Doppelhorn in zwei Farben erhältlich.

ELECTROMAGNETIC HORNS AVERTISSEURS ÉLECTROMAGNÉTIQUES ELEKTROMAGNETISCHE HUPEN

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Decibel
Décibels
Schallpegel

dB(A) 2m

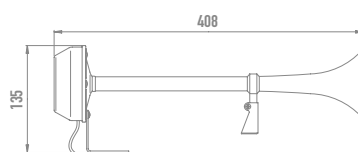
Frequency
Fréquence
Frequenz

Hz

Minimum
Order
Quantity

u.

Packaging



VEGA 15 >
COD. 920333

Inox Steel

12

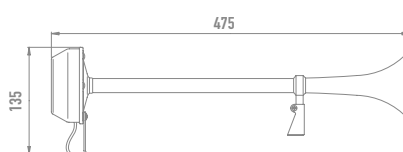
6

117

370

6

F14



VEGA 18 >
COD. 920334

Inox Steel

12

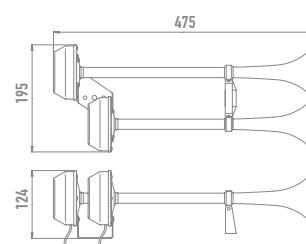
6

117

310

6

F14



VEGA DUAL >
COD. 920335

12

12

120

L = 320
H = 370

6

F13

VEGA DUAL >
COD. 920993

24

6

120

L = 320
H = 370

6

F13

Inox Steel

Small electromagnetic emergency horn for retractable installation. Available in 5 colours.

Avertisseur électromagnétique de petite taille pour installation encastrable. Disponible avec grille en 5 couleurs.

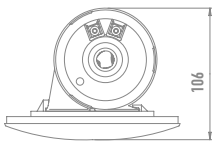
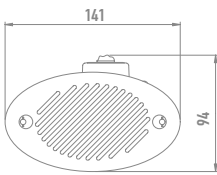
Kleine elektromagnetische Hupe für eine versenkbare Installation. Mit Gitter in 5 Farben erhältlich.

MARINE HORN line



ELECTROMAGNETIC HORNS AVERTISSEURS ÉLECTROMAGNÉTIQUES ELEKTROMAGNETISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	u.	



Steel/ABS

MARINE HORN FISH WHITE - 2T COD. 920309	>	12	4,5	112	405	9	16
MARINE HORN BLACK - 2T COD. 920314	>	12	4,5	112	405	9	16
MARINE HORN PANAMA - 2T COD. 920323	>	12	4,5	112	405	9	16
MARINE HORN WHITE - 2T COD. 920324	>	12	4,5	112	405	9	16
MARINE HORN STEEL - 2T COD. 920325	>	12	4,5	112	405	9	16

TA line

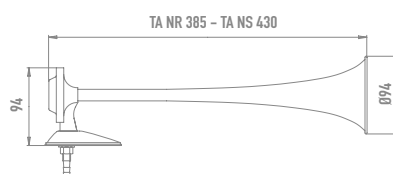
Pneumatic emergency horn in marine corrosion resistant steel with high intensity acoustic tuned sound.

Avertisseurs pneumatiques, son accordé de haute intensité sonore, en acier résistant à la corrosion marine.

Pneumatische Hupen mit abgestimmtem, besonders intensivem Klang, aus Stahl, gegen das Seewasser korrosionsbeständig.

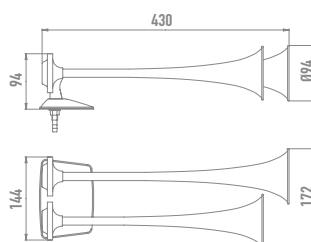
PNEUMATIC HORNS AVERTISSEURS PNEUMATIQUES PNEUMATISCHE HUPEN

Air consumption Consommation d'air Luftverbrauch	Pressure Pression Betriebsdruck	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
l/sec	kPa	dB(A) 2m	Hz	u.	



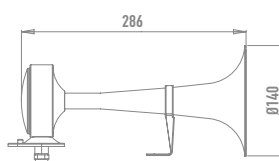
TA/NR COD. 920310	1.2	100 400	120	380	6	F16
TA/NS COD. 920311	1.2	100 400	120	320	6	F16

Inox Steel



TA DUAL COD. 920336	2.4	100 400	123	H = 380 L = 320	6	F13
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Inox Steel



TA MP COD. 920374	5.5	400 800	128	380	5	F15
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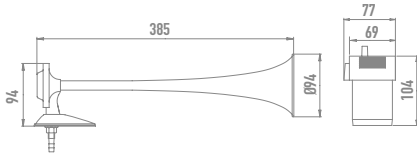
Inox Steel

ELECTROPNEUMATIC HORNS
AVERTISSEURS ÉLECTROPNEUMATIQUES
ELEKTROPNEUMATISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	u.	



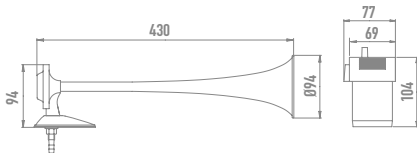
Steel/Aluminum



M4/NR 12V COD. 921993 INOX STEEL	>	12	17	114	380	6	F10
M4/NR 24V COD. 921994 INOX STEEL	>	12	8	114	380	6	F10



Steel/Aluminum



M4/NS 12V COD. 921995 INOX STEEL	>	12	17	114	320	6	F10
M4/NS 24V COD. 921996 INOX STEEL	>	12	8	114	320	6	F10

Accessories

Accessoires

Zubehör

COMPRESSORS

COMPRESSEURS

VERDICHTER

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Pressure
Pression
Betriebsdruck

Bar

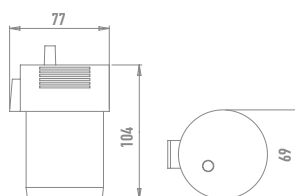
Air flow
Débit d'air
Luftlieferleistung

l/min

Minimum
Order
Quantity

u.

Packaging



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

M4 12V >
COD. 921988

12

17

1.2

80

16

18

M4 24V >
COD. 921989

24

8

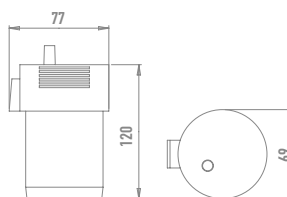
1.2

80

16

18

Steel/Aluminium



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

MC4 12V >
COD. 921991

12

17

1.4

80

16

19

MC4 24V >
COD. 921992

24

8

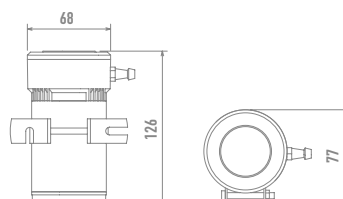
1.4

80

16

19

Steel/Aluminium



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

MC4+ 12V >
COD. 921937

12

17

1.9

80

16

110

MC4+ 24V >
COD. 921938

24

8

1.9

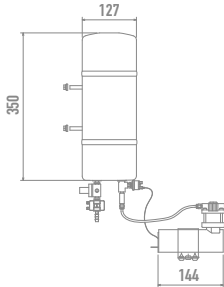
80

16

110

Steel/Aluminium

COMPRESSORS COMPRESSEURS VERDICHTER	Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Pressure Pression Betriebsdruck	Air flow Débit d'air Luftlieferleistung	Minimum Order Quantity	Packaging
	V	A	Bar	l/min	u.	

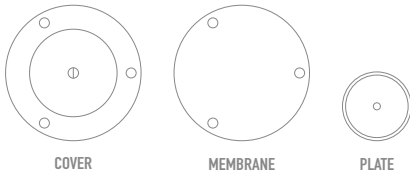


TA150 | TA 180 | TA/NR | TA/NS | TA DUAL | TA MP

HIGH PRESSURE AIR SYSTEM >
COD. 921125

12	11	3	100	1	V
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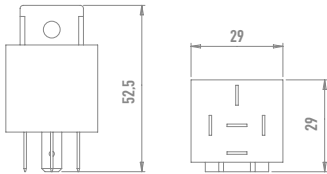
	Suitable for Approprié pour Geeignet für	Minimum Order Quantity	Packaging
		u.	



REPLACEMENT KIT TA >
COD. 921127

REPLACEMENT FOR TA/NR, TA/NS, TA DUAL	8	A
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	Voltage Tension Spannung	Suitable for Approprié pour Geeignet für	Minimum Order Quantity	Packaging
	V		u.	



RELAY 12V >
COD. 920960
5 PINS
RELAY 24V >
COD. 920961
5 PINS

12	-	240	U
24	-	240	U

FIAMM

Acoustic Devices

The Power of Communication

Emergency



THE WORLD'S
LARGEST
MANUFACTURER
OF CAR HORNS

Fire Brigades | Police Forces | Ambulances



FIAMM

Acoustic Devices

The Power of Communication

PS10 SYSTEM CHOICE

A > Choose your country []

B > Choose your special force [  ]

1 Now you can read the code of your electronic module

C > Choose your vehicle type car, van, truck

2 Now you can read on the left the code of your loudspeaker

3 Complete your system with the mandatory connection cable

1 ELECTRONIC MODULES



Fire Brigades
Sapeurs-Pompiers
Feuerwehr



Ambulance
Ambulance
Krankenwagen



Police Forces
Forces de Police
Polizekräfte



Italy



France

												
	PS10 AMB-POMP-I COD. 951001	PS10 AMB-POMP-WY-I COD. 951062			PS10 POL-I COD. 951013	PS10 AMB-F COD. 951004	PS10 UMH-F COD. 951006	PS10 AMB-UMH-F COD. 951059	PS10 GEN-F COD. 951007	PS10 POL-F COD. 951008	PS10 SP0-F COD. 951005	PS10 SP0-F 24V COD. 951023

2

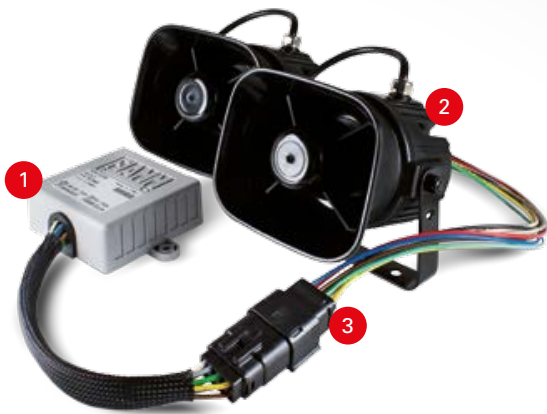


LOUDSPEAKERS

LOUDSPEAKER FB COD. 951051	TRUCK 1 module + • 2 loudspeakers	TRUCK 1 module + • 2 loudspeakers	TRUCK 1 module + • 1 loudsp.
LOUDSPEAKER NB COD. 951054	TRUCK 1 module + • 2 loudspeakers	TRUCK 1 module + • 2 loudspeakers	TRUCK 1 module + • 1 loudsp.
LOUDSPEAKER FM COD. 951052	CAR VAN TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van, Truck)	CAR VAN TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van, Truck)	TRUCK 1 module + • 1 loudsp.
LOUDSPEAKER FMW COD. 951077	CAR VAN TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van, Truck)	CAR VAN TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van, Truck)	TRUCK 1 module + • 1 loudsp.
LOUDSPEAKER FS COD. 951053	CAR VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)	CAR VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)	-
LOUDSPEAKER NS COD. 951056	CAR VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)	CAR VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)	-
LOUDSPEAKER NSC COD. 951055	MOTORBIKE CAR 1 module + • 1 loudspeaker (Motorbike, Car) • 2 loudspeakers (Motorbike, Car)	MOTORBIKE CAR 1 module + • 1 loudspeaker (Motorbike, Car) • 2 loudspeakers (Motorbike, Car)	-
CONNECTION CABLE COD. 951057	MANDATORY FOR ALL SYSTEMS OBLIGATOIRE POUR TOUS LES SYSTÈMES FÜR ALLE SYSTEME ERFORDERLICH		

3





THE WORLD'S LARGEST MANUFACTURER OF CAR HORNS

 Netherlands		 Belgium		 United Kingdom		 Austria		 Germany		 Latin America	 Usa
 Switzerland		 International									
  		  		  		 		  			
PS10 EMER-N COD. 951028	PS10 EMER-N SLOW COD. 951089	PS10 EMER-B COD. 951078	PS10 SPO-B NIGHT COD. 951091	PS10 EMER-UK COD. 951035	PS10 EMER-WY-UK COD. 951034	PS10 AMB-A COD. 951046	PS10 FEUER-A COD. 951064	PS10 EMER-D COD. 951060	PS10 USSOUND COD. 951061	PS10 USSOUND-WY COD. 951063	
TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers			
TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers		TRUCK 1 module + • 2 loudspeakers			
CAR VAN TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR VAN TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR VAN TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR VAN TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR VAN TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van, Truck)			
CAR VAN TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR VAN TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR VAN TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR VAN TRUCK 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van, Truck)		CAR VAN TRUCK 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van, Truck)			
CAR VAN 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van)		CAR VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)			
CAR VAN 1 module + • 1 loudsp. (Car, Van) • 2 loudsp. (Car, Van)		CAR VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)		CAR VAN 1 module + • 1 loudspeaker (Car, Van) • 2 loudspeakers (Car, Van)			
MOTORBIKE CAR 1 module + • 1 loudsp. (Motorbike, Car) • 2 loudsp. (Motorbike, Car)		MOTORBIKE CAR 1 module + • 1 loudsp. (Motorbike, Car) • 2 loudsp. (Motorbike, Car)		MOTORBIKE CAR 1 module + • 1 loudsp. (Motorbike, Car) • 2 loudsp. (Motorbike, Car)		MOTORBIKE CAR 1 module + • 1 loudsp. (Motorbike, Car) • 2 loudsp. (Motorbike, Car)		MOTORBIKE CAR 1 module + • 1 loudspeaker (Motorbike, Car) • 2 loudspeakers (Motorbike, Car)			

MANDATORY FOR ALL SYSTEMS | OBLIGATOIRE POUR TOUS LES SYSTÈMES | FÜR ALLE SYSTEME ERFORDERLICH

FIAMM

Acoustic Devices

The Power of Communication

MC4 SYSTEM CHOICE

A > Choose your country [🇮🇹]

B > Choose your special force [🔥 ⚙️ 🛡️]

1 Now you can read the code of your compressor

C > Choose your vehicle type

2 Now you can read on the left the code of your trumpets

3 Lubricator included in the compressor code

1 COMPRESSOR



Fire Brigades
Sapeurs-Pompiers
Feuerwehr



Ambulance
Ambulance
Krankenwagen



Police Forces
Forces de Police
Polizeikräfte



Italy



Netherlands



Belgium



United Kingdom



MC4 FDS 12V
COD. 921084

MC4 FVA 12V
COD. 921077

MC4 FVA 24V
COD. 921078

MC4 FALG 12V
COD. 921121

MC4 FALG 24V
COD. 921122

MC4 FI 24V
COD. 921124

MC4 FI 12V
COD. 921123

MC4 FI 24V
COD. 921124

2



TRUMPETS

TA/2 906-V
COD. 920392

CAR | VAN
1 compressor +
• 1 set of
trumpets

TA/2 906-C
COD. 920393

CAR | VAN
1 compressor +
• 1 set of
trumpets

TA/2 VA-V
COD. 920395

CAR | VAN
1 compressor +
• 1 set of
trumpets

TRUCK
1 compressor +
• 1 set of
Trumpets

TA/2 GA-V
COD. 920615

CAR | VAN
1 compressor +
• 1 set of
trumpets

TRUCK
1 compressor +
• 1 set of
Trumpets

TA/2 GB-V
COD. 920616

CAR | VAN
1 compressor +
• 1 set of
trumpets

TRUCK
1 compressor +
• 1 set of
Trumpets

TA/2 BL-C
COD. 920629

TRUCK
1 compressor +
• 1 set of
Trumpets

CAR | VAN
1 compressor +
• 1 set of
trumpets

TRUCK
1 compr. +
• 1 set of
Trumpets

TA/2 BL-V
COD. 920396

TRUCK
1 compressor +
• 1 set of
Trumpets

CAR | VAN
1 compressor +
• 1 set of
trumpets

TRUCK
1 compr. +
• 1 set of
Trumpets

TA/2 DE-B
COD. 920397

TA/4 906-C
COD. 920394

3



LUBRICATOR
COD. 920617

ALWAYS INCLUDED WITH THE COMPRESSOR, IN CASE ALSO AVAILABLE AS A SPARE PART



THE WORLD'S LARGEST MANUFACTURER OF CAR HORNS

 Austria			 Germany		 Switzerland		 International		✓ = included • = optional
			  		  		  		
MC4 FD 12V COD. 921116	MC4 FA 12V COD. 921118	MC4 FA 24V COD. 921119	MC4 FD 12V COD. 921116	MC4 FD 24V COD. 921117	MC4 FD 12V COD. 921116	MC4 FD 24V COD. 921117	MC4 FI 12V COD. 921123	MC4 FI 24V COD. 921124	SPOILER COD. 920618
CAR VAN 1 compr. + • 1 set of Trumpets			CAR VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets	CAR VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets	CAR VAN TRUCK 1 compressor + • 1 set of Trumpets	TRUCK 1 compressor + • 1 set of Trumpets	✓
CAR VAN 1 compr. + • 1 set of Trumpets			CAR VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets	CAR VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets	CAR VAN TRUCK 1 compressor + • 1 set of Trumpets	TRUCK 1 compressor + • 1 set of Trumpets	✓
									✓
									•
									•
									•
									•
									•
	CAR VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets							•
			CAR VAN 1 compressor + • 1 set of trumpets	TRUCK 1 compressor + • 1 set of Trumpets			CAR VAN TRUCK 1 compressor + • 1 set of Trumpets	TRUCK 1 compressor + • 1 set of Trumpets	✓

ALWAYS INCLUDED WITH THE COMPRESSOR, IN CASE ALSO AVAILABLE AS A SPARE PART

FIAMM

Acoustic Devices

PS20 SYSTEM CHOICE

A > Choose your country []

B > Choose your special force [  ]

1 Now you can read the code of your electronic control unit

C > Choose your vehicle type

2 Now you can read on the left the code of your trumpets

The Power of Communication

1  +  ELECTRONIC CONTROL UNIT



Fire Brigades
Sapeurs-Pompiers
Feuerwehr



Ambulance
Ambulance
Krankenwagen



Police Forces
Forces de Police
Polizeikräfte



Italy



Belgium



United Kingdom



Germany



PS20 - POL - I
12V
COD. 951081

PS20 AMB/POMP - I
12V
COD. 951082

PS20 AMB/POMP - I
24V
COD. 951083

PS20 - HI-LO
24V
COD. 951080

PS20 - HI-LO
12V
COD. 951079

PS20 - HI-LO
24V
COD. 951080

PS20 EMER - D
12V
COD. 951084

PS20 EMER - D
24V
COD. 951085



TRUMPETS

TA/2 906-V
COD. 920392

CAR | VAN
1 electr. unit +
• 1 set of
Trumpets

TA/2 906-C
COD. 920393

CAR | VAN
1 electr. unit +
• 1 set of
Trumpets

TA/2 VA-V
COD. 920395

CAR | VAN
1 electr. unit +
• 1 set of
Trumpets

TRUCK
1 electr. unit +
• 1 set of
Trumpets

TA/2 BL-C
COD. 920629

TRUCK
1 electr. unit +
• 1 set of
Trumpets

CAR | VAN
1 electr. unit +
• 1 set of
Trumpets

TRUCK
1 electr. unit +
• 1 set of
Trumpets

TA/2 BL-V
COD. 920396

TRUCK
1 electr. unit +
• 1 set of
Trumpets

CAR | VAN
1 electr. unit +
• 1 set of
Trumpets

TRUCK
1 electr. unit +
• 1 set of
Trumpets

TA/2 DE-B
COD. 920397

CAR | VAN
1 electr. unit +
• 1 set of
Trumpets

TRUCK
1 electr. unit +
• 1 set of
Trumpets

TA/4 906-C
COD. 920394



THE WORLD'S LARGEST MANUFACTURER OF CAR HORNS



Austria				Switzerland		International		
				 		 		✓ = included • = optional
PS20 EMER - D 12V COD. 951084	PS20 - FEUER - A 12V COD. 951087	PS20 - FEUER - A 24V COD. 951088	PS20 - FEUER - A 24V COD. 951086	PS20 EMER - D 12V COD. 951084	PS20 EMER - D 24V COD. 951085	PS20 - HI-LO 12V COD. 951079	PS20 - HI-LO 24V COD. 951080	SPOILER COD. 920618
CAR VAN 1 electr. unit + • 1 set of Trumpets				CAR VAN 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	CAR VAN TRUCK 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	✓
CAR VAN 1 electr. unit + • 1 set of Trumpets				CAR VAN 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	CAR VAN TRUCK 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	✓
								✓
								•
								•
	CAR VAN 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets					•
				CAR VAN 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	CAR VAN TRUCK 1 electr. unit + • 1 set of Trumpets	TRUCK 1 electr. unit + • 1 set of Trumpets	✓

Emergency

Fire Brigades

FIAMM

Acoustic Devices

LOW  HIGH

ELECTRONIC SYSTEMS

Acoustic system for continuous service, composed by an electronic control unit and a set of loudspeaker

Sound Power



Dimension



Lifespan



PS10 System

82

ELECTROPNEUMATIC SYSTEMS

Acoustic system composed by a compressor and a set of trumpets



MC4 System

86

PNEUMATIC SYSTEMS

Acoustic system composed by an electronic control unit and a set of trumpets



PS20 System

88

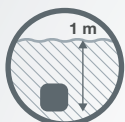
PS10 System

Electronic priority emergency horn for continuous service, ensuring a powerful, clean sound. Systems equipped with a control unit with degree of protection IP67 and Loudspeaker IP 66. The PS10 system, thanks to its flexibility, complies with national standard requirements and can produce several sounds and is therefore easily customisable.

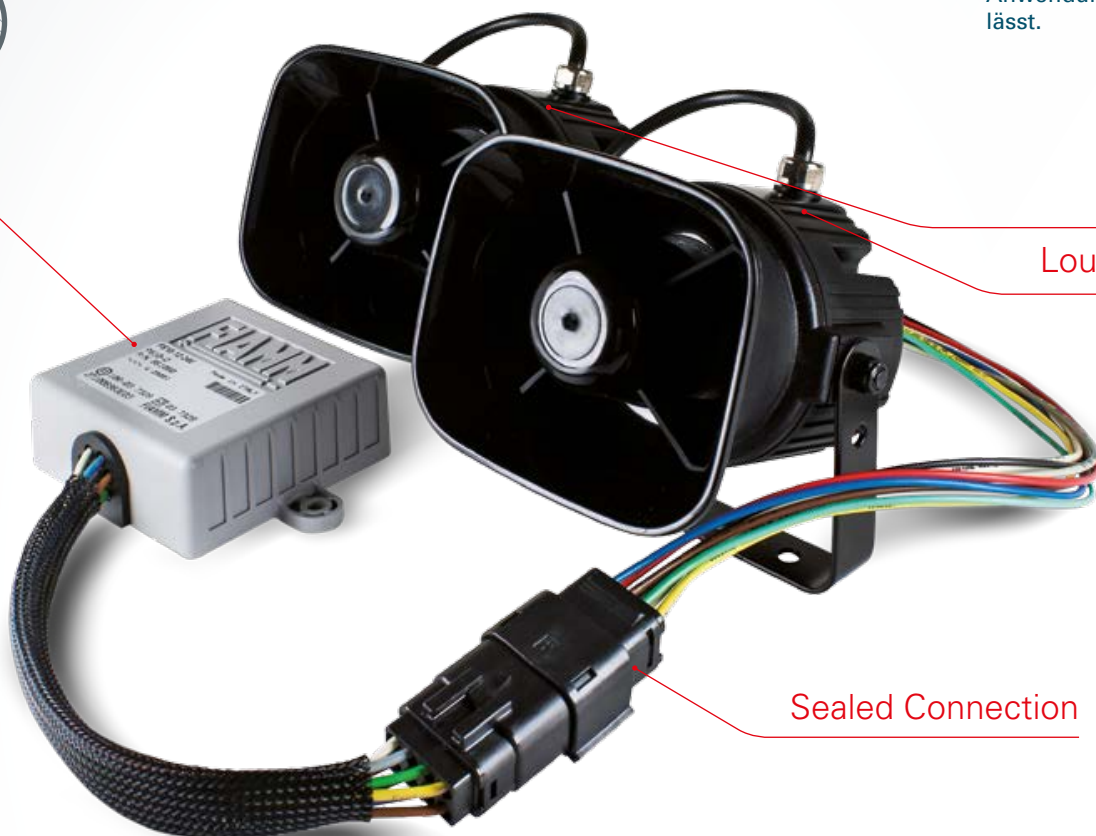
Avertisseur prioritaire électronique pour service continu qui garantit un son puissant et net. Système pourvu de centrale avec degré de protection IP67 et de haut-parleurs IP 66. Le système PS10, grâce à sa flexibilité, répond aux normes nationales exigées et peut produire plusieurs sons, c'est pourquoi il est facilement adaptable.

Bevorrechtigte elektronische Hupe für den Dauerbetrieb. Sie garantiert einen starken und sauberen Klang. System mit Steuereinheit, Schutzgrad IP67 und Lautsprechern IP66. Das System PS10 entspricht dank seiner Flexibilität den national geforderten Richtlinien und kann mehrere Klänge erzeugen, weshalb es sich leicht der jeweiligen Anwendung anpassen lässt.

IP67

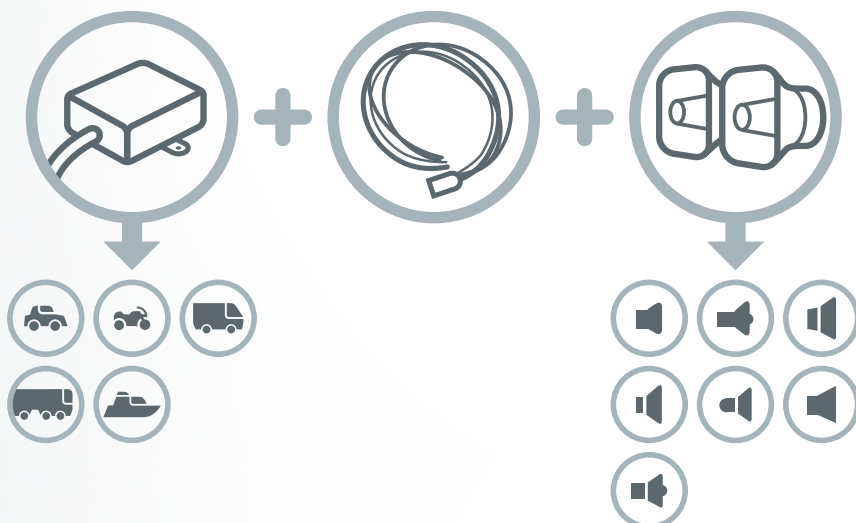


PS10
12V • 24V



Loudspeaker

Sealed Connection



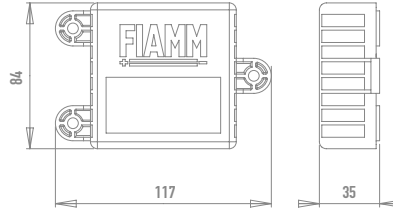
INTERNATIONAL Hi-Lo
AMERICAN SOUND Wail / Yelp
FRANCE
ITALY
GERMANY
AUSTRIA
SWITZERLAND
NETHERLANDS
UK
IBEROAMERICA



Sounds / Sons / Klänge www.fiamm.com/Horns

ELECTRONIC EMERGENCY HORNS
AVERTISSEURS ÉLECTRONIQUES
ELEKTRONISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Frequency Fréquence Frequenz	Option	Country Pays Land	Minimum Order Quantity	Packaging
V	A	Hz			u.	


 Flame retardant
PBT

 Type approval
Homologation
Zulassung

Reg.10/National homologation if required

PS10 - EMER-D COD. 951060	>	12 24	3,5 1,75	L = 430 H = 570	Stadt/Land	Germany Switzerland	8	S
PS10 - FEUER-A COD. 951064	>	12 24	3,5 1,75	L = 392 H = 523	-	Austria	8	S
PS10 - AMB-POMP-I COD. 951001	>	12 24	3,5 1,75	L = 392 H = 660	-	Italy	8	S
PS10 - AMB-POMP-WY-I COD. 951062	>	12 24	3,5 1,75	L = 392 H = 523	Wail/Yelp	Italy	8	S
PS10 - EMER- N COD. 951028	>	12 24	3,5 1,75	L = 375 H = 500	Fast/Slow	Netherlands	8	S
PS10-EMER-N SLOW COD. 951089	>	12 24	3,5 1,75	L = 360 H = 480	Fast/Slow	Netherlands	8	S
PS10-SPO-B NIGHT COD. 951091	>	12 24	3,5 1,75	L = 440 H = 495	-	Belgium	8	S
PS10 - SPO-F COD. 951005	>	12 24	3,5 1,75	L = 435 H = 488	-	France	8	S
PS10 - SPO-F 24V COD. 951023 SPECIAL FOR 1 LOUDSPEAKER	>	24	1,75	L = 435 H = 488	-	France	8	S
PS10 - EMER-UK COD. 951035	>	12 24	3,5 1,75	L = 440 H = 495	-	United Kingdom	8	S
PS10 - EMER-WY-UK COD. 951034	>	12 24	3,5 1,75	L = 440 H = 495	Wail/Yelp	United Kingdom	8	S
PS10 - USSOUND COD. 951061 WAIL/YELP	>	12 24	3,5 1,75	L = 430 H = 570	-	Iberoamérica	8	S
PS10 - USSOUND-WY COD. 951063 HI-LO	>	12 24	3,5 1,75	L = 560 H = 650	Wail/Yelp	International USA	8	S

Loudspeakers

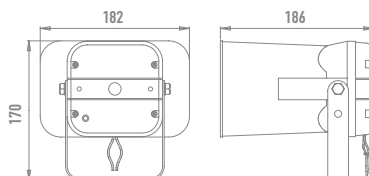
The PS10 system offers 7 different types of loudspeakers to permit the best installation suitable for different needs. There are loudspeakers in ferrite and neodymium, available in various dimensions for internal or external vehicle installation.

Le système PS10 dispose de 7 typologies de haut-parleurs différentes, afin de permettre une installation adaptée aux diverses exigences. Il y a des haut-parleurs en ferrite et en néodyme, disponibles dans différentes dimensions pour des installations internes ou externes au véhicule.

Das System PS10 verfügt über 7 unterschiedliche Lautsprechertypen, um eine den verschiedenen Anforderungen entsprechende Installation zu ermöglichen. Es gibt Lautsprecher aus Ferrit und aus Neodym, die in verschiedenen Größen zur Installation im Innern oder außen am Fahrzeug erhältlich sind.

LOUDSPEAKERS HAUT-PARLEURS LAUTSPRECHER

Voltage Tension Spannung	Decibel Décibels Schallpegel	Nominal power Puissance nominale Betriebleistung	Peak power Puissance de crête Maximale Leistung	Impedance Impédance Inpedanz	Minimum Order Quantity	Packaging
V	dB(A) 2m	W	W	Ohm	u.	



LOUDSPEAKER -FB
COD. 951051



12
24

115

25

40

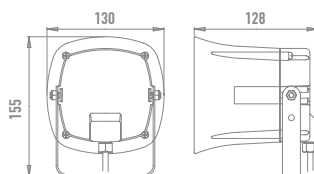
4

8

F12

Degree of protection: **IP56**

ABS/ Ferrite Magnet



LOUDSPEAKER -FM
COD. 951052



12
24

114

25

40

4

8

G8

Degree of protection: **IP66**

LOUDSPEAKER -FMW
COD. 951077
UV PROTECTION



12
24

114

25

40

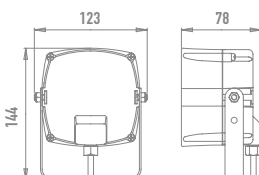
4

8

G8

Degree of protection: **IP66**

ABS/ Ferrite Magnet



LOUDSPEAKER -FS
COD. 951053



12
24

113

25

40

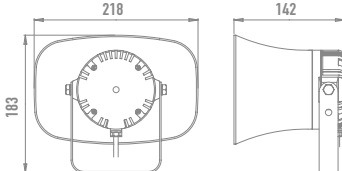
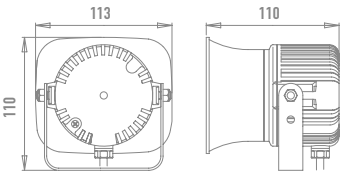
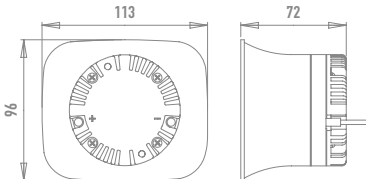
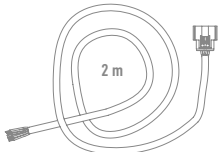
4

8

G8

Degree of protection: **IP66**

ABS/ Ferrite Magnet

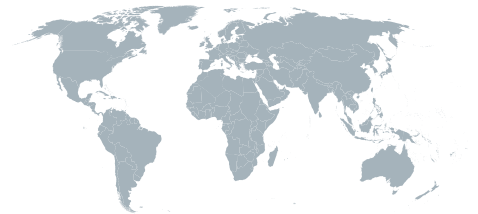
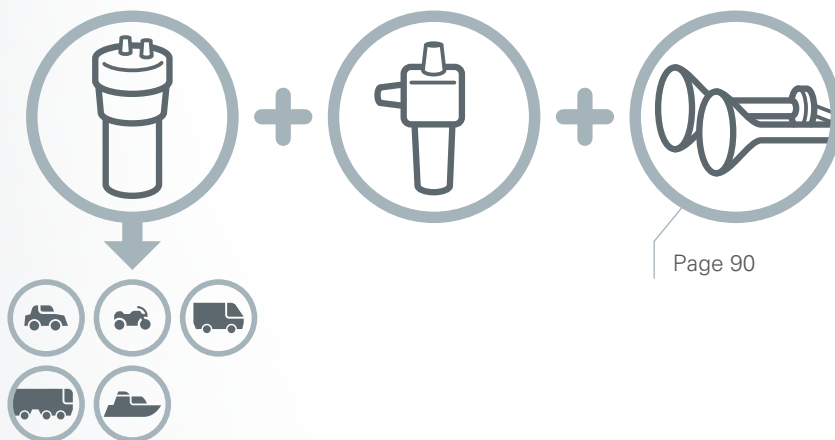
LOUDSPEAKERS HAUT-PARLEURS LAUTSPRECHER		Voltage Tension Spannung	Decibel Décibels Schallpegel	Nominal power Puissance nominale Betriebleistung	Peak power Puissance de crête Maximale Leistung	Impedance Impédance Inpedanz	Minimum Order Quantity	Packaging
		V	dB(A) 2m	W	W	Ohm	u.	
	LOUDSPEAKER -NB COD. 951054				70	4	8	F12
ABS/ Neodymium Magnet		Degree of protection: IP66						
	LOUDSPEAKER -NSC COD. 951055				30	4	8	G5
ABS/ Neodymium Magnet		Degree of protection: IP66						
	LOUDSPEAKER -NS COD. 951056				30	4	16	G9
ABS/ Neodymium Magnet		Degree of protection: IP66						
	CONNECTION CABLE PS10 COD. 951057			2 m				
ABS		Degree of protection: IP67						

MC4 System

High power, directional electropneumatic emergency horn systems to be used as primary signals on temporary exit vehicles or as secondary signals to successfully overcome difficult traffic situations or for dangerous crossroads.

Système d'avertisseur électropneumatique, son puissant et directionnel utilisable ponctuellement ou comme avertisseur secondaire pour affronter en toute sécurité les situations de circulation difficiles.

Elektropneumatische Signaleinrichtung mit starkem und gerichtetem Klang. Als erste Signaleinrichtung in Fahrzeugen, die zeitweise ausfahren, oder als sekundäre Signaleinrichtung für die sichere Überwindung schwieriger Verkehrssituationen oder gefährlicher Kreuzungen einsetzbar.



INTERNATIONAL Hi-Lo
ITALY
GERMANY
AUSTRIA
SPAIN
SWITZERLAND
NETHERLANDS
UK



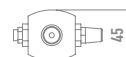
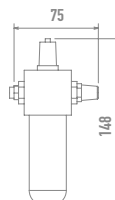
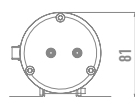
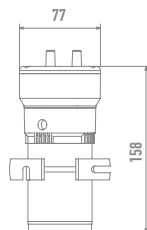
Sounds / Sons / Klänge www.fiamm.com/Horns

COMPRESSORS
COMPRESSEURS
GEBLÄSE
Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Country
Pays
Land
Type approval
Omologation
Zulassung
Minimum
Order Quantity
Packaging


Steel/Aluminium

MC4 FA 12V + LUBRICATOR >
COD. 921118

12

17

Austria

Reg. 10 ECE

16

I11


MC4 FA 24V + LUBRICATOR >
COD. 921119

24

8

Austria

Reg. 10 ECE

16

I11


MC4 FALG 12V + LUBRICATOR >
COD. 921121

12

17

Netherlands

Reg. 10 ECE

16

I11


MC4 FALG 24V + LUBRICATOR >
COD. 921122

24

8

Netherlands

Reg. 10 ECE

16

I11


MC4 FD 12V + LUBRICATOR >
COD. 921116

12

17

Germany - Spain
Austria (Amb)
Switzerland

National/ Reg.10

16

I11


MC4 FD 24V + LUBRICATOR >
COD. 921117

24

8

Germany - Spain
Austria (Amb)
Switzerland

National/ Reg.10

16

I11


MC4 FI 12V + LUBRICATOR >
COD. 921123

12

17

United Kingdom
International Hi-Lo
Belgium

Reg. 10 ECE

16

I11


MC4 FI 24V + LUBRICATOR >
COD. 921124

24

8

United Kingdom
International Hi-Lo
Belgium

Reg. 10 ECE

16

I11


MC4 FVA 12V + LUBRICATOR >
COD. 921077

12

17

Italy

National/ Reg.10

16

I11


MC4 FVA 24V + LUBRICATOR >
COD. 921078

24

8

Italy

National/ Reg.10

16

I11

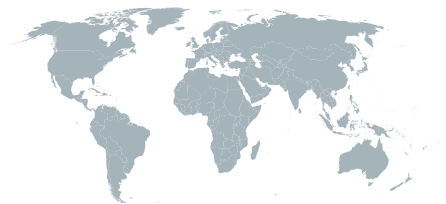
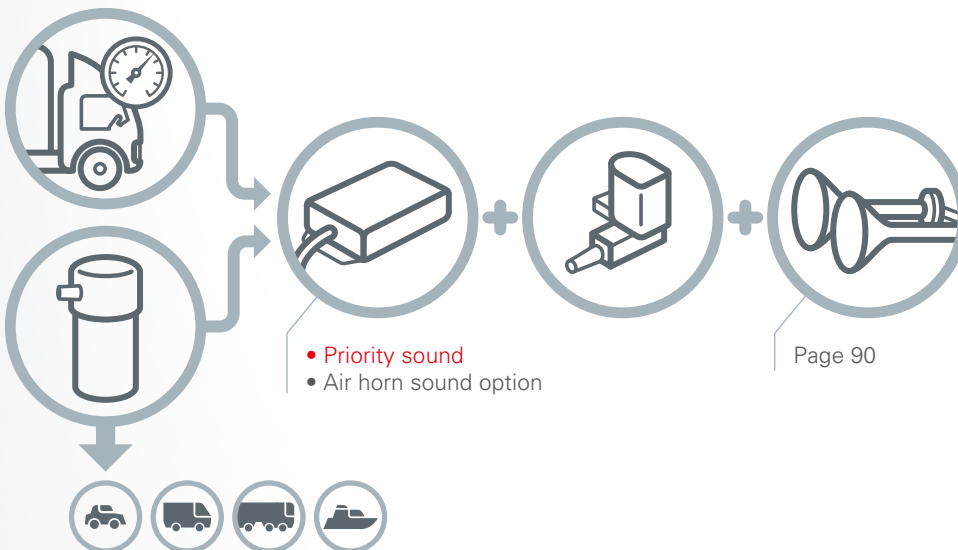
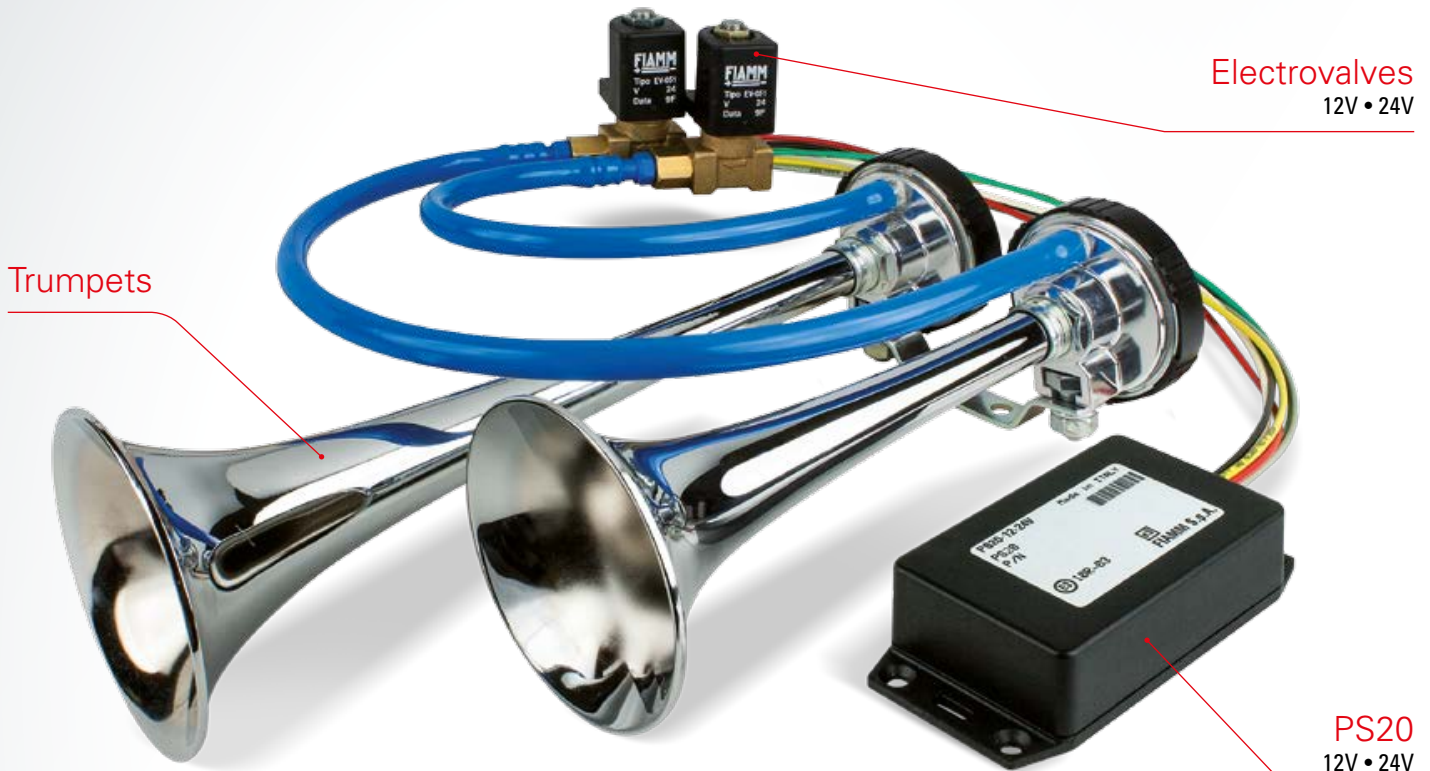


PS20 System

Through its powerful and directional sound, the priority system PS20 maximises security and sound localisation of emergency vehicles. A pneumatic horn guided by an electronic module for continuous service, that guarantees a high duration.

Le système prioritaire PS20 maximise la sécurité et la localisation du son des véhicules prioritaires. Il s'agit d'un avertisseur pneumatique guidé par un module électronique pour service continu, qui garantit une durée élevée.

Das bevorrechtigte System PS20 maximiert durch ihren starken und gerichteten Klang die Sicherheit und die Schalllokalisierung der Notdienstfahrzeuge. Pneumatische, von einem elektronischen Modul geführte Hupe für den Dauerbetrieb mit erhöhter Dauer.



INTERNATIONAL Hi-Lo
ITALY
GERMANY
AUSTRIA
SWITZERLAND
BELGIUM
SPAIN
UK



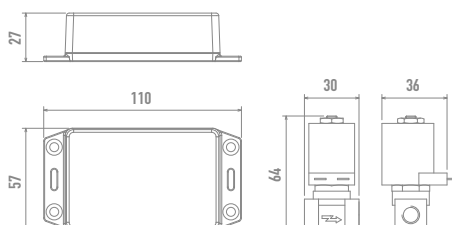
Sounds / Sons / Klänge www.fiamm.com/Horns

ELECTRONIC EMERGENCY HORNS
AVERTISSEURS ÉLECTRONIQUES
ELEKTRONISCHE HUPEN
Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Compressed air
source
Country
Pays
Land
Minimum
Order Quantity
Packaging

Type approval
Homologation
Zulassung

Reg.10/National homologation if required

 Flame Retardant ABS
 Brass

PS20 - AMB/POMP - I >
COD. 951082
 KIT OF MODULE + 2 ELECTROVALVES

 12 1.5

 On-Board air system
 Dedicated compressor

Italy

16

14

PS20 - AMB/POMP - I >
COD. 951083
 KIT OF MODULE + 2 ELECTROVALVES

 24 0.7

 On-Board air system
 Dedicated compressor

Italy

16

14

PS20 - EMER - D >
COD. 951084
 KIT OF MODULE + 2 ELECTROVALVES

 12 1.5

 On-Board air system
 Dedicated compressor

 Germany
 Spain, Austria (Amb)
 Switzerland

16

14

PS20 - EMER - D >
COD. 951085
 KIT OF MODULE + 2 ELECTROVALVES

 24 0.7

 On-Board air system
 Dedicated compressor

 Germany
 Spain, Austria (Amb)
 Switzerland

16

14

PS20 - FEUER - A >
COD. 951087
 KIT OF MODULE + 3 ELECTROVALVES

 12 1.5

 Dedicated
 compressor

Austria

16

14

PS20 - FEUER - A >
COD. 951088
 KIT OF MODULE + 3 ELECTROVALVES

 24 0.7

 Dedicated
 compressor

Austria

16

14

PS20 - FEUER - A >
COD. 951086
 KIT OF MODULE + 2 ELECTROVALVES

 24 0.7

On-Board air system

Austria

16

14

PS20 - HI-LO >
COD. 951079
 KIT OF MODULE + 2 ELECTROVALVES

 12 1.5

 On-Board air system
 Dedicated compressor

 International Hi-Lo
 United Kingdom
 Belgium

16

14

PS20 - HI-LO >
COD. 951080
 KIT OF MODULE + 2 ELECTROVALVES

 24 0.7

 On-Board air system
 Dedicated compressor

 International Hi-Lo
 United Kingdom
 Belgium

16

14

Trumpets

The trumpets on the MC4 and PS20 Systems, thanks to the chrome and coated versions, are easily installed both inside and outside vehicles. The frequency range covers various national standards. The 4-tone version offers maximum audibility and a pleasant sound.

Les trompes des systèmes MC4 et PS20 grâce aux versions chromées et peintes s'installent facilement aussi bien à l'intérieur qu'à l'extérieur du véhicule. La gamme de fréquences répond aux différentes normes nationales. La version à 4 trompes et tons représente le maximum d'audibilité et du plaisir du son.

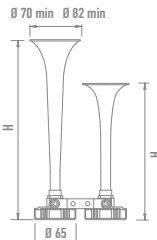
Die Hörner der MC4- und PS20-Systeme lassen sich dank ihrer Ausführung aus Chrom und Lack problemlos im Innern und außen am Fahrzeug installieren. Der Frequenzbereich deckt die unterschiedlichen nationalen Vorschriften. Die 4-Ton-Version bietet maximale Hörsamkeit und einen angenehmen Klang.

TRUMPETS TROMPES HÖRNER

Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Country Pays Land	H	Minimum Order Quantity	Packaging
dB(A) 2m	Hz		mm	u.	



Metal



TA/2 906-C+SPOILER COD. 920393 SET OF 2 TRUMPETS		117	L = 466 H = 622	Germany - International Austria (Amb) Switzerland	286 210	8	H1
TA/2 906-V+SPOILER COD. 920392 SET OF 2 TRUMPETS		117	L = 466 H = 622	Germany - International Austria (Amb) Switzerland	286 210	8	H1
TA/2 BL-V COD. 920396 SET OF 2 TRUMPETS		117	L = 440 H = 494	United Kingdom Belgium	297 274	8	H1
TA/2 BL-C COD. 920629 SET OF 2 TRUMPETS		117	L = 440 H = 494	United Kingdom Belgium	297 274	8	H1
TA/2 DE-B COD. 920397 SET OF 2 TRUMPETS		117	L = 392 H = 523	Austria	329 262	8	H1
TA/2 GA-V COD. 920615 SET OF 2 TRUMPETS		117	L = 494 H = 660	Netherlands	274 199	8	H1
TA/2 GB-V COD. 920616 SET OF 2 TRUMPETS		117	L = 440 H = 587	Netherlands	297 239	8	H1
TA/2 LE-V COD. 920400 SET OF 2 TRUMPETS		117	L = 466 H = 544	Spain	286 251	8	H1
TA/2 VA-V+SPOILER COD. 920395 SET OF 2 TRUMPETS		117	L = 392 H = 660	Italy	329 199	8	H1
TA/4 906-C+SPOILER COD. 920394 SET OF 4 TRUMPETS		117	L = 435 - 450 H = 580 - 600	Germany International Austria (Amb)	297 - 289 223 - 214	8	H2

Emergency

Police Forces



FIAMM

Acoustic Devices

LOW  HIGH

		Sound Power	Dimension	Lifespan		
						
ELECTRONIC SYSTEMS	Acoustic system for continuous service, composed by an electronic control unit and a set of loudspeaker				PS10 System	92
ELECTROPNEUMATIC SYSTEMS	Acoustic system composed by a compressor and a set of trumpets				MC4 System	94
PNEUMATIC SYSTEMS	Acoustic system composed by an electronic control unit and a set of trumpets				PS20 System	98

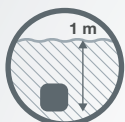
PS10 System

Electronic priority emergency horn for continuous service, ensuring a powerful, clean sound. Systems equipped with a control unit with degree of protection IP67 and Loudspeaker IP 66. The PS10 system, thanks to its flexibility, complies with national standard requirements and can produce several sounds and is therefore easily customisable.

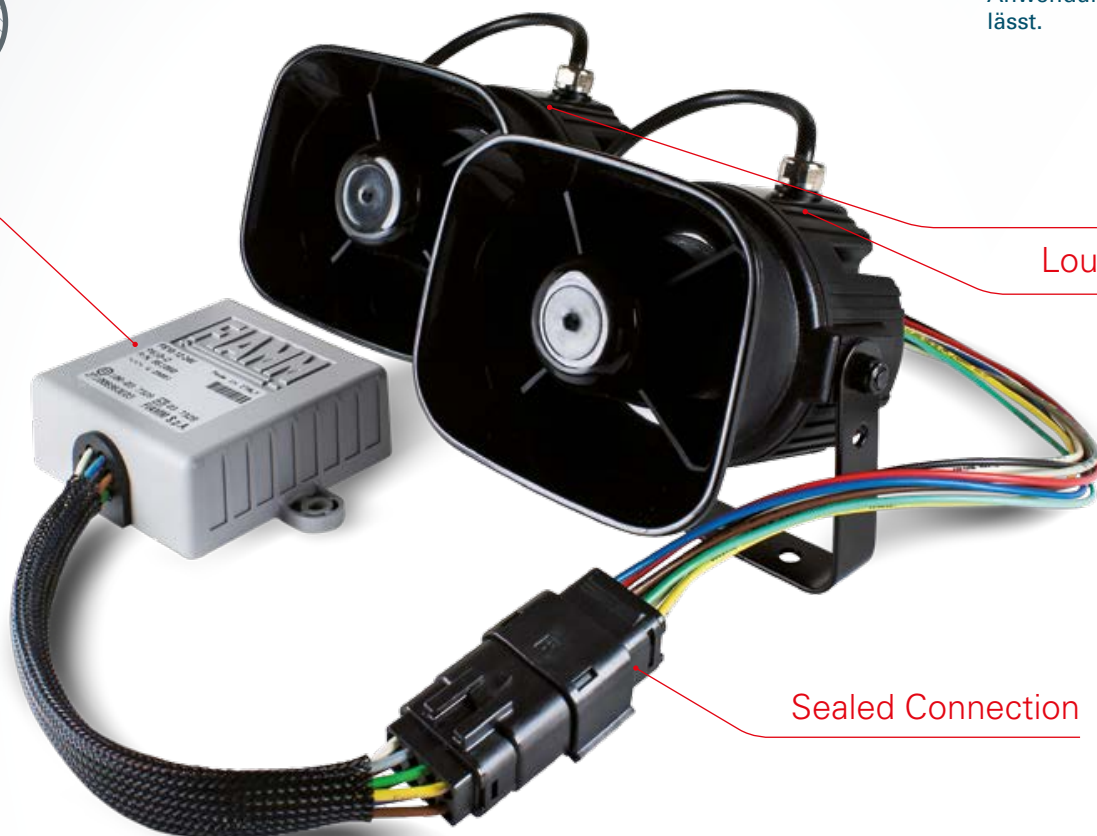
Avertisseur prioritaire électronique pour service continu qui garantit un son puissant et net. Système pourvu de centrale avec degré de protection IP67 et de haut-parleurs IP 66. Le système PS10, grâce à sa flexibilité, répond aux normes nationales exigées et peut produire plusieurs sons, c'est pourquoi il est facilement adaptable.

Bevorrechtigte elektronische Hupe für den Dauerbetrieb. Sie garantiert einen starken und sauberen Klang. System mit Steuereinheit, Schutzgrad IP67 und Lautsprechern IP66. Das System PS10 entspricht dank seiner Flexibilität den national geforderten Richtlinien und kann mehrere Klänge erzeugen, weshalb es sich leicht der jeweiligen Anwendung anpassen lässt.

IP67

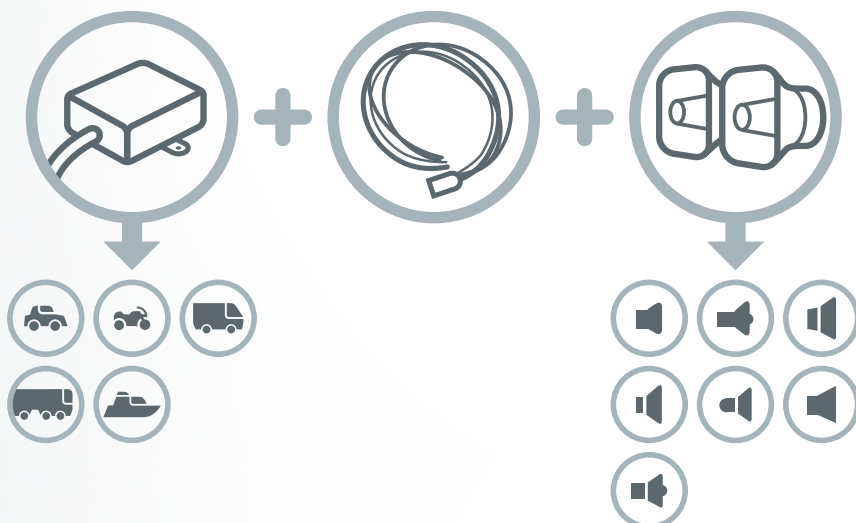


PS10
12V • 24V



Loudspeaker

Sealed Connection



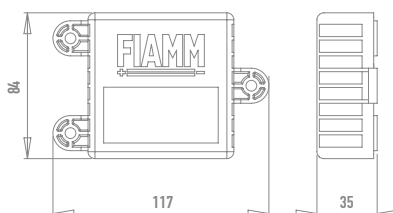
INTERNATIONAL Hi-Lo
AMERICAN SOUND Wail / Yelp
FRANCE
ITALY
GERMANY
AUSTRIA
SWITZERLAND
NETHERLANDS
UK
IBEROAMERICA



Sounds / Sons / Klänge www.fiamm.com/Horns

ELECTRONIC EMERGENCY HORNS
AVERTISSEURS ÉLECTRONIQUES
ELEKTRONISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Frequency Fréquence Frequenz	Option	Country Pays Land	Minimum Order Quantity	Packaging
V	A	Hz			u.	



Type approval
Homologation
Zulassung

Reg.10/National homologation if required

Flame retardant
PBT

PS10 - EMER-D COD. 951060	>	12 24	3,5 1,75	L = 430 H = 570	Stadt/Land	Germany Switzerland	8	S
PS10 - GEN-F COD. 951007	>	12 24	3,5 1,75	L = 435 H = 732	-	France	8	S
PS10 - POL-F COD. 951008	>	12 24	3,5 1,75	L = 435 H = 580	Jour/Nuit	France	8	S
PS10 - EMER- N COD. 951028	>	12 24	3,5 1,75	L = 375 H = 500	Fast/Slow	Netherlands	8	S
PS10-EMER-N SLOW COD. 951089	>	12 24	3,5 1,75	L = 360 H = 480	Fast/Slow	Netherlands	8	S
PS10 - POL-I COD. 951013	>	12 24	3,5 1,75	L = 466 H = 622	-	Italy	8	S
PS10 - EMER-UK COD. 951035	>	12 24	3,5 1,75	L = 440 H = 495	-	United Kingdom	8	S
PS10 - EMER-WY-UK COD. 951034	>	12 24	3,5 1,75	L = 440 H = 495	Wail/Yelp	United Kingdom	8	S
PS10 - USSOUND COD. 951061 WAIL/YELP	>	12 24	3,5 1,75	L = 430 H = 570	-	Iberoamérica	8	S
PS10 - USSOUND-WY COD. 951063 HI-LO	>	12 24	3,5 1,75	L = 560 H = 650	Wail/Yelp	International USA	8	S

Loudspeakers

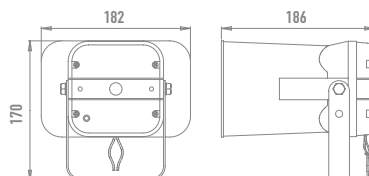
The PS10 system offers 7 different types of loudspeakers to permit the best installation suitable for different needs. There are loudspeakers in ferrite and neodymium, available in various dimensions for internal or external vehicle installation.

Le système PS10 dispose de 7 typologies de haut-parleurs différentes, afin de permettre une installation adaptée aux diverses exigences. Il y a des haut-parleurs en ferrite et en néodyme, disponibles dans différentes dimensions pour des installations internes ou externes au véhicule.

Das System PS10 verfügt über 7 unterschiedliche Lautsprechertypen, um eine den verschiedenen Anforderungen entsprechende Installation zu ermöglichen. Es gibt Lautsprecher aus Ferrit und aus Neodym, die in verschiedenen Größen zur Installation im Innern oder außen am Fahrzeug erhältlich sind.

LOUDSPEAKERS HAUT-PARLEURS LAUTSPRECHER

Voltage Tension Spannung	Decibel Décibels Schallpegel	Nominal power Puissance nominale Betriebleistung	Peak power Puissance de crête Maximale Leistung	Impedance Impédance Inpedanz	Minimum Order Quantity	Packaging
V	dB(A) 2m	W	W	Ohm	u.	

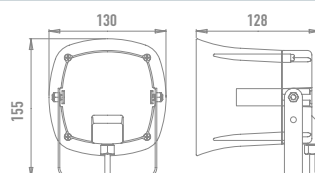


LOUDSPEAKER -FB
COD. 951051



12 24	115	25	40	4	8	F12
		Degree of protection: IP56				

ABS/ Ferrite Magnet



LOUDSPEAKER -FM
COD. 951052



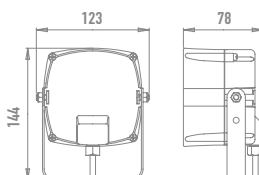
12 24	114	25	40	4	8	G8
		Degree of protection: IP66				

LOUDSPEAKER -FMW
COD. 951077
UV PROTECTION



12 24	114	25	40	4	8	G8
		Degree of protection: IP66				

ABS/ Ferrite Magnet

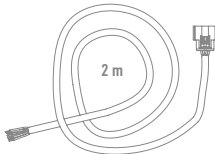


LOUDSPEAKER -FS
COD. 951053



12 24	113	25	40	4	8	G8
		Degree of protection: IP66				

ABS/ Ferrite Magnet

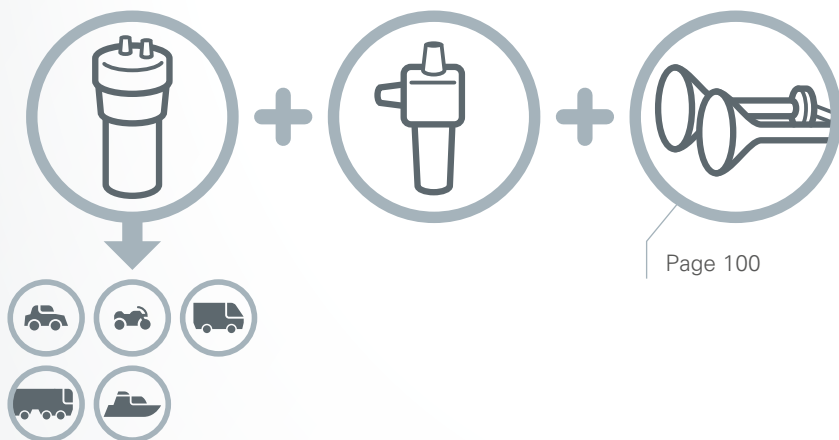
LOUDSPEAKERS HAUT-PARLEURS LAUTSPRECHER			Voltage Tension Spannung	Decibel Décibels Schallpegel	Nominal power Puissance nominale Betriebleistung	Peak power Puissance de crête Maximale Leistung	Impedance Impédance Inpedanz	Minimum Order Quantity	Packaging
			V	dB(A) 2m	W	W	Ohm	u.	
	LOUDSPEAKER -NB COD. 951054		12 24	117	50	70	4	8	F12
ABS/ Neodymium Magnet			Degree of protection: IP66						
	LOUDSPEAKER -NSC COD. 951055		12 24	113	20	30	4	8	G5
ABS/ Neodymium Magnet			Degree of protection: IP66						
	LOUDSPEAKER -NS COD. 951056		12 24	113	20	30	4	16	G9
ABS/ Neodymium Magnet			Degree of protection: IP66						
	CONNECTION CABLE PS10 COD. 951057		Degree of protection: IP67						
ABS									

MC4 System

High power, directional electropneumatic emergency horn systems to be used as primary signals on temporary exit vehicles or as secondary signals to successfully overcome difficult traffic situations or for dangerous crossroads.

Système d'avertisseur électropneumatique, son puissant et directionnel utilisable ponctuellement ou comme avertisseur secondaire pour affronter en toute sécurité les situations de circulation difficiles.

Elektropneumatische Signaleinrichtung mit starkem und gerichtetem Klang. Als erste Signaleinrichtung in Fahrzeugen, die zeitweise ausfahren, oder als sekundäre Signaleinrichtung für die sichere Überwindung schwieriger Verkehrssituationen oder gefährlicher Kreuzungen einsetzbar.



INTERNATIONAL Hi-Lo
ITALY
GERMANY
AUSTRIA
SPAIN
SWITZERLAND
NETHERLANDS
UK



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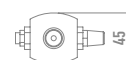
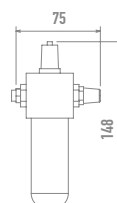
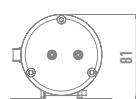
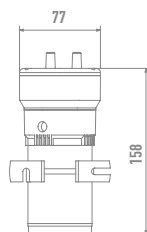
COMPRESSORS
COMPRESSEURS
GEBLÄSE
Voltage
 Tension
 Spannung
 V

Amp. Draw
 Consommation
 Stromaufnahme
 A

Country
 Pays
 Land

Type approval
 Omologation
 Zulassung

Minimum
 Order Quantity

Packaging


Steel/Aluminium

MC4 FD 12V + LUBRICATOR >
COD. 921116

12

17

 Germany - Spain
 Austria (Amb)
 Switzerland

National/ Reg.10

16

I11


MC4 FD 24V + LUBRICATOR >
COD. 921117

24

8

 Germany - Spain
 Austria (Amb)
 Switzerland

National/ Reg.10

16

I11


MC4 FDS 12V + LUBRICATOR >
COD. 921084

12

17

Italy

National/ Reg.10

16

I11


MC4 FI 12V + LUBRICATOR >
COD. 921123

12

17

 United Kingdom
 International Hi-Lo
 Belgium

Reg. 10 ECE

16

I11


MC4 FI 24V + LUBRICATOR >
COD. 921124

24

8

 United Kingdom
 International Hi-Lo
 Belgium

Reg. 10 ECE

16

I11

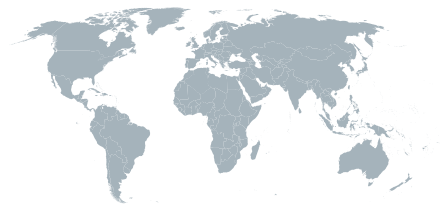
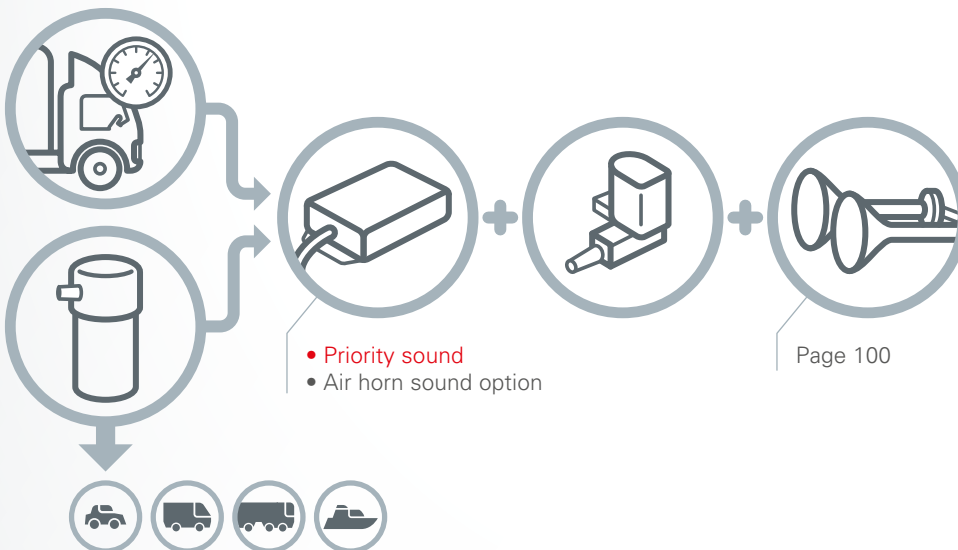
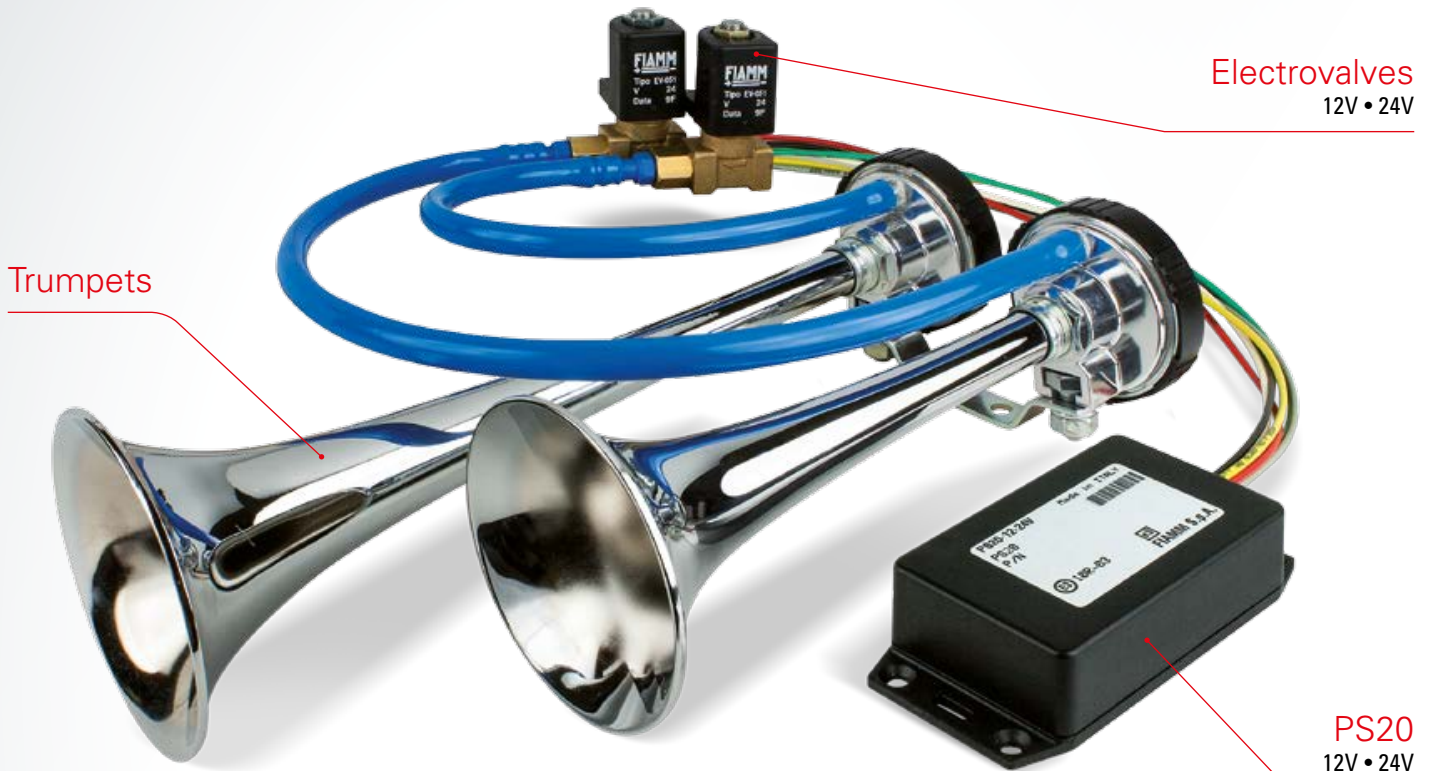


PS20 System

Through its powerful and directional sound, the priority system PS20 maximises security and sound localisation of emergency vehicles. A pneumatic horn guided by an electronic module for continuous service, that guarantees a high duration.

Le système prioritaire PS20 maximise la sécurité et la localisation du son des véhicules prioritaires. Il s'agit d'un avertisseur pneumatique guidé par un module électronique pour service continu, qui garantit une durée élevée.

Das bevorrechtigte System PS20 maximiert durch ihren starken und gerichteten Klang die Sicherheit und die Schalllokalisierung der Notdienstfahrzeuge. Pneumatische, von einem elektronischen Modul geführte Hupe für den Dauerbetrieb mit erhöhter Dauer.



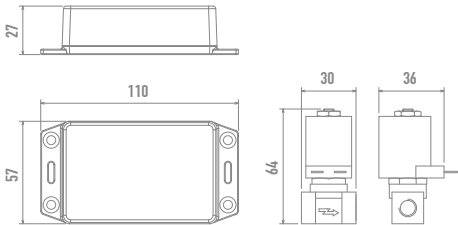
INTERNATIONAL Hi-Lo
 ITALY
 GERMANY
 AUSTRIA
 SWITZERLAND
 BELGIUM
 SPAIN
 UK



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ELECTRONIC EMERGENCY HORNS
AVERTISSEURS ÉLECTRONIQUES
ELEKTRONISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consummation Stromaufnahme	Compressed air source	Country Pays Land	Minimum Order Quantity	Packaging
V	A			u.	



Type approval
Homologation
Zulassung

Reg.10/National homologation if required

Flame Retardant ABS
Brass

PS20 - EMER - D COD. 951084 KIT OF MODULE + 2 ELECTROVALVES	12	1.5	On-Board air system Dedicated compressor	Germany Spain, Austria (Amb) Switzerland	16	14
PS20 - EMER - D COD. 951085 KIT OF MODULE + 2 ELECTROVALVES	24	0.7	On-Board air system Dedicated compressor	Germany Spain, Austria (Amb) Switzerland	16	14
PS20 - HI-LO COD. 951079 KIT OF MODULE + 2 ELECTROVALVES	12	1.5	On-Board air system Dedicated compressor	International Hi-Lo United Kingdom Belgium	16	14
PS20 - HI-LO COD. 951080 KIT OF MODULE + 2 ELECTROVALVES	24	0.7	On-Board air system Dedicated compressor	International Hi-Lo United Kingdom Belgium	16	14
PS20 - POL - I COD. 951081 KIT OF MODULE + 2 ELECTROVALVES	12	1.5	On-Board air system Dedicated compressor	Italy	16	14

Trumpets

The trumpets on the MC4 and PS20 Systems, thanks to the chrome and coated versions, are easily installed both inside and outside vehicles. The frequency range covers various national standards. The 4-tone version offers maximum audibility and a pleasant sound.

Les trompes des systèmes MC4 et PS20 grâce aux versions chromées et peintes s'installent facilement aussi bien à l'intérieur qu'à l'extérieur du véhicule. La gamme de fréquences répond aux différentes normes nationales. La version à 4 trompes et tons représente le maximum d'audibilité et du plaisir du son.

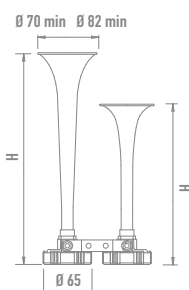
Die Hörner der MC4- und PS20-Systeme lassen sich dank ihrer Ausführung aus Chrom und Lack problemlos im Innern und außen am Fahrzeug installieren. Der Frequenzbereich deckt die unterschiedlichen nationalen Vorschriften. Die 4-Ton-Version bietet maximale Hörsamkeit und einen angenehmen Klang.

TRUMPETS TROMPES HÖRNER

Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Country Pays Land	H	Minimum Order Quantity	Packaging
dB(A) 2m	Hz		mm	u.	



Metal



TA/2 906-C+SPOILER COD. 920393 SET OF 2 TRUMPETS		>	117	L = 466 H = 622	Germany - International Austria (Amb) Switzerland	286 210	8	H1
TA/2 906-V+SPOILER COD. 920392 SET OF 2 TRUMPETS		>	117	L = 466 H = 622	Germany - International Austria (Amb) Switzerland	286 210	8	H1
TA/2 BL-V COD. 920396 SET OF 2 TRUMPETS		>	117	L = 440 H = 494	United Kingdom Belgium	297 274	8	H1
TA/2 BL-C COD. 920629 SET OF 2 TRUMPETS		>	117	L = 440 H = 494	United Kingdom Belgium	297 274	8	H1
TA/2 LE-V COD. 920400 SET OF 2 TRUMPETS		>	117	L = 466 H = 544	Spain	286 251	8	H1
TA/4 906-C+SPOILER COD. 920394 SET OF 4 TRUMPETS		>	117	L = 435 - 450 H = 580 - 600	Germany International Austria (Amb)	297 - 289 223 - 214	8	H2

Emergency

Ambulances



FIAMM

Acoustic Devices

LOW  HIGH

		Sound Power 	Dimension 	Lifespan 	
ELECTRONIC SYSTEMS	Acoustic system for continuous service, composed by an electronic control unit and a set of loudspeaker				PS10 System 102
ELECTROPNEUMATIC SYSTEMS	Acoustic system composed by a compressor and a set of trumpets				MC4 System 106
PNEUMATIC SYSTEMS	Acoustic system composed by an electronic control unit and a set of trumpets				PS20 System 108

PS10 System

Electronic priority emergency horn for continuous service, ensuring a powerful, clean sound. Systems equipped with a control unit with degree of protection IP67 and Loudspeaker IP 66. The PS10 system, thanks to its flexibility, complies with national standard requirements and can produce several sounds and is therefore easily customisable.

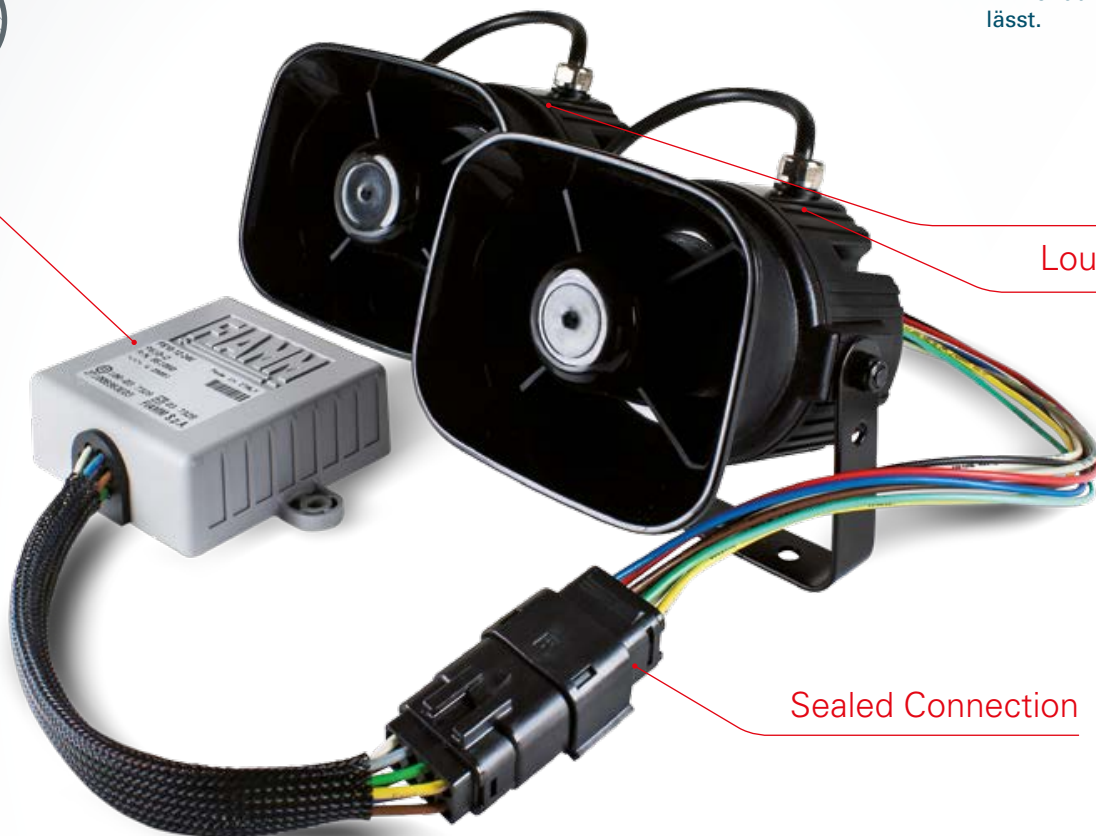
Avertisseur prioritaire électronique pour service continu qui garantit un son puissant et net. Système pourvu de centrale avec degré de protection IP67 et de haut-parleurs IP 66. Le système PS10, grâce à sa flexibilité, répond aux normes nationales exigées et peut produire plusieurs sons, c'est pourquoi il est facilement adaptable.

Bevorrechtigte elektronische Hupe für den Dauerbetrieb. Sie garantiert einen starken und sauberen Klang. System mit Steuereinheit, Schutzgrad IP67 und Lautsprechern IP66. Das System PS10 entspricht dank seiner Flexibilität den national geforderten Richtlinien und kann mehrere Klänge erzeugen, weshalb es sich leicht der jeweiligen Anwendung anpassen lässt.

IP67

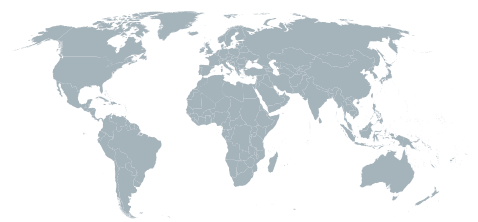
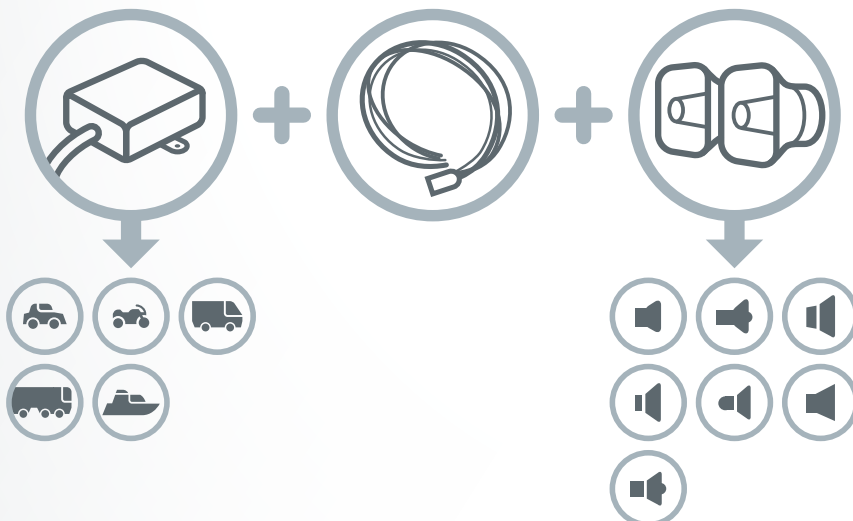


PS10
12V • 24V



Loudspeaker

Sealed Connection



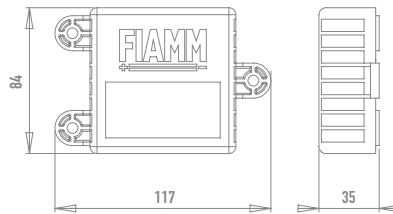
INTERNATIONAL Hi-Lo
AMERICAN SOUND Wail / Yelp
FRANCE
ITALY
GERMANY
AUSTRIA
SWITZERLAND
NETHERLANDS
UK
IBEROAMERICA



Sounds / Sons / Klänge www.fiamm.com/Horns

ELECTRONIC EMERGENCY HORNS
AVERTISSEURS ÉLECTRONIQUES
ELEKTRONISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Frequency Fréquence Frequenz	Option	Country Pays Land	Minimum Order Quantity	Packaging
V	A	Hz			u.	



Type approval
Homologation
Zulassung

Reg.10/National homologation if required

Flame retardant
PBT



PS10 - EMER-D COD. 951060	12 24	3,5 1,75	L = 430 H = 570	Stadt/Land	Germany Switzerland	8	S
PS10 - AMB-A COD. 951046	12 24	3,5 1,75	L = 450 H = 600	-	Austria	8	S
PS10 - AMB-POMP-I COD. 951001	12 24	3,5 1,75	L = 392 H = 660	-	Italy	8	S
PS10 - AMB-POMP-WY-I COD. 951062	12 24	3,5 1,75	L = 392 H = 523	Wail/Yelp	Italy	8	S
PS10 - EMER-B COD. 951078	12 24	3,5 1,75	L = 440 H = 495	Day/Night	Belgium	8	S
PS10 - EMER- N COD. 951028	12 24	3,5 1,75	L = 375 H = 500	Fast/Slow	Netherlands	8	S
PS10-EMER-N SLOW COD. 951089	12 24	3,5 1,75	L = 360 H = 480	Fast/Slow	Netherlands	8	S
PS10 - EMER-UK COD. 951035	12 24	3,5 1,75	L = 440 H = 495	-	United Kingdom	8	S
PS10 - EMER-WY-UK COD. 951034	12 24	3,5 1,75	L = 440 H = 495	Wail/Yelp	United Kingdom	8	S
PS10 - AMB-F COD. 951004	12 24	3,5 1,75	L = 420 H = 516	-	France	8	S
PS10 - AMB-UMH-F COD. 951059	12 24	3,5 1,75	-	Ambulance UMH Jour/ Nuit	France	8	S
PS10 - UMH-F COD. 951006	12 24	3,5 1,75	L = 435 H = 651	Jour/Nuit	France	8	S
PS10 - USSOUND COD. 951061 WAIL/YELP	12 24	3,5 1,75	L = 430 H = 570	-	Iberoamérica	8	S
PS10 - USSOUND-WY COD. 951063 HI-LO	12 24	3,5 1,75	L = 560 H = 650	Wail/Yelp	International USA	8	S

Loudspeakers

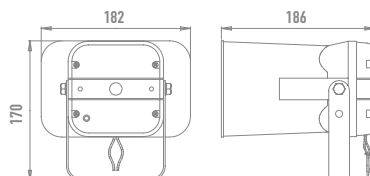
The PS10 system offers 7 different types of loudspeakers to permit the best installation suitable for different needs. There are loudspeakers in ferrite and neodymium, available in various dimensions for internal or external vehicle installation.

Le système PS10 dispose de 7 typologies de haut-parleurs différentes, afin de permettre une installation adaptée aux diverses exigences. Il y a des haut-parleurs en ferrite et en néodyme, disponibles dans différentes dimensions pour des installations internes ou externes au véhicule.

Das System PS10 verfügt über 7 unterschiedliche Lautsprechertypen, um eine den verschiedenen Anforderungen entsprechende Installation zu ermöglichen. Es gibt Lautsprecher aus Ferrit und aus Neodym, die in verschiedenen Größen zur Installation im Innern oder außen am Fahrzeug erhältlich sind.

LOUDSPEAKERS HAUT-PARLEURS LAUTSPRECHER

Voltage Tension Spannung	Decibel Décibels Schallpegel	Nominal power Puissance nominale Betriebleistung	Peak power Puissance de crête Maximale Leistung	Impedance Impédance Inpedanz	Minimum Order Quantity	Packaging
V	dB(A) 2m	W	W	Ohm	u.	



LOUDSPEAKER -FB
COD. 951051

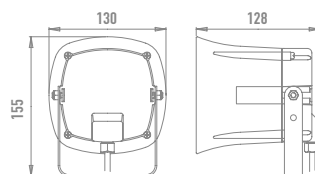


12 24	115	25	40	4	8	F12
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Degree of protection: **IP56**

ABS/ Ferrite Magnet



LOUDSPEAKER -FM
COD. 951052



12 24	114	25	40	4	8	G8
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Degree of protection: **IP66**

LOUDSPEAKER -FMW
COD. 951077
UV PROTECTION

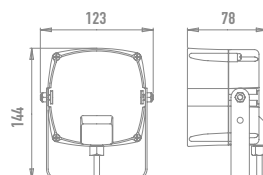


12 24	114	25	40	4	8	G8
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Degree of protection: **IP66**

ABS/ Ferrite Magnet



LOUDSPEAKER -FS
COD. 951053

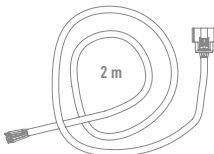


12 24	113	25	40	4	8	G8
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Degree of protection: **IP66**

ABS/ Ferrite Magnet

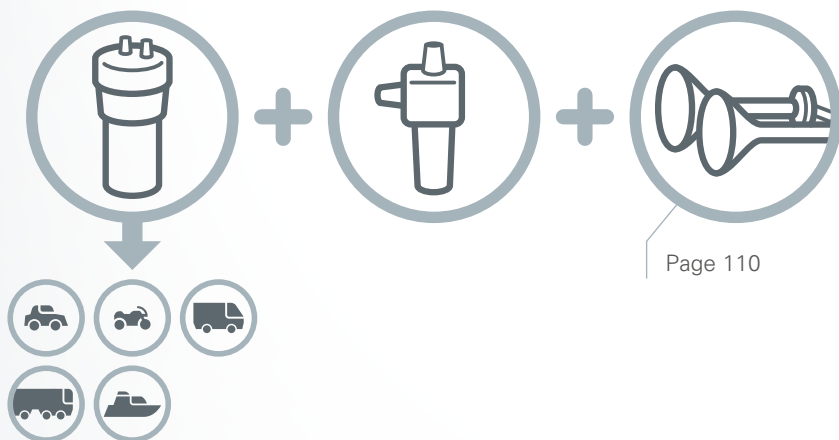
LOUDSPEAKERS HAUT-PARLEURS LAUTSPRECHER			Voltage Tension Spannung	Decibel Décibels Schallpegel	Nominal power Puissance nominale Betriebleistung	Peak power Puissance de crête Maximale Leistung	Impedance Impédance Inpedanz	Minimum Order Quantity	Packaging
			V	dB(A) 2m	W	W	Ohm	u.	
	LOUDSPEAKER -NB COD. 951054		12 24	117	50	70	4	8	F12
ABS/ Neodymium Magnet					Degree of protection: IP66				
	LOUDSPEAKER -NSC COD. 951055		12 24	113	20	30	4	8	G5
ABS/ Neodymium Magnet			 		Degree of protection: IP66				
	LOUDSPEAKER -NS COD. 951056		12 24	113	20	30	4	16	G9
ABS/ Neodymium Magnet			 		Degree of protection: IP66				
	CONNECTION CABLE PS10 COD. 951057		Degree of protection: IP67						
ABS									

MC4 System

High power, directional electropneumatic emergency horn systems to be used as primary signals on temporary exit vehicles or as secondary signals to successfully overcome difficult traffic situations or for dangerous crossroads.

Système d'avertisseur électropneumatique, son puissant et directionnel utilisable ponctuellement ou comme avertisseur secondaire pour affronter en toute sécurité les situations de circulation difficiles.

Elektropneumatische Signaleinrichtung mit starkem und gerichtetem Klang. Als erste Signaleinrichtung in Fahrzeugen, die zeitweise ausfahren, oder als sekundäre Signaleinrichtung für die sichere Überwindung schwieriger Verkehrssituationen oder gefährlicher Kreuzungen einsetzbar.



INTERNATIONAL Hi-Lo
ITALY
GERMANY
AUSTRIA
SPAIN
SWITZERLAND
NETHERLANDS
UK



Sounds / Sons / Klänge www.fiamm.com/Horns

COMPRESSORS
COMPRESSEURS
GEBLÄSE
Voltage
Tension
Spannung

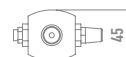
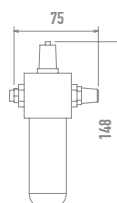
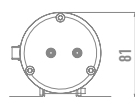
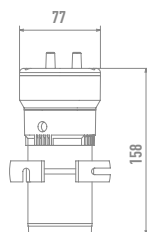
V

Amp. Draw
Consommation
Stromaufnahme

A

Country
Pays
Land
Type approval
Omologation
Zulassung
Minimum
Order Quantity

Packaging



Steel/Aluminium

MC4 FD 12V + LUBRICATOR >
COD. 921116

12

17

Germany - Spain
Austria (Amb)
Switzerland

National/ Reg.10

16

I11


MC4 FI 12V + LUBRICATOR >
COD. 921123

12

17

United Kingdom
International Hi-Lo
Belgium

Reg. 10 ECE

16

I11


MC4 FI 24V + LUBRICATOR >
COD. 921124

24

8

United Kingdom
International Hi-Lo
Belgium

Reg. 10 ECE

16

I11


MC4 FVA 12V + LUBRICATOR >
COD. 921077

12

17

Italy

National/ Reg.10

16

I11

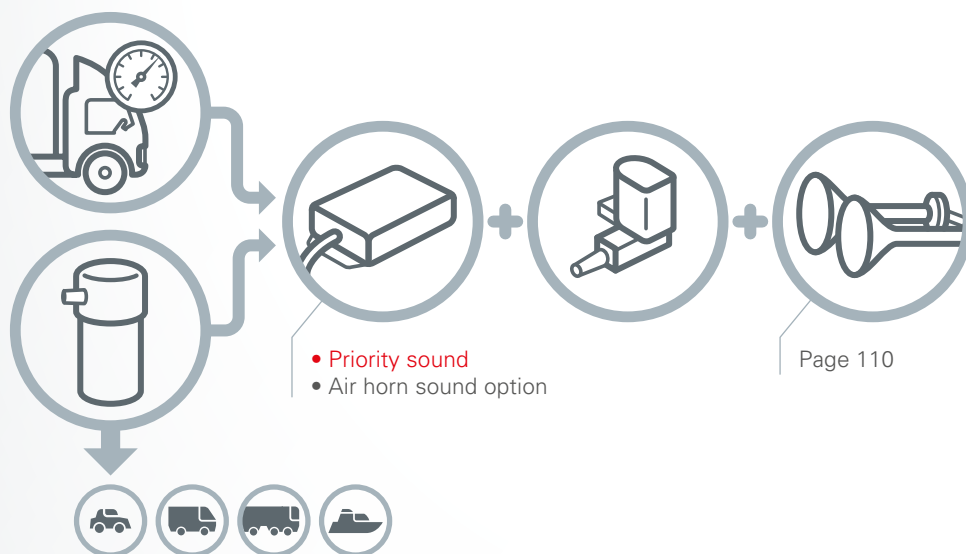


PS20 System

Through its powerful and directional sound, the priority system PS20 maximises security and sound localisation of emergency vehicles. A pneumatic horn guided by an electronic module for continuous service, that guarantees a high duration.

Le système prioritaire PS20 maximise la sécurité et la localisation du son des véhicules prioritaires. Il s'agit d'un avertisseur pneumatique guidé par un module électronique pour service continu, qui garantit une durée élevée.

Das bevorrechtigte System PS20 maximiert durch ihren starken und gerichteten Klang die Sicherheit und die Schalllokalisierung der Notdienstfahrzeuge. Pneumatische, von einem elektronischen Modul geführte Hupe für den Dauerbetrieb mit erhöhter Dauer.

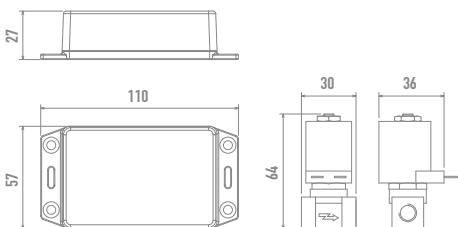


INTERNATIONAL Hi-Lo
 ITALY
 GERMANY
 AUSTRIA
 SWITZERLAND
 BELGIUM
 SPAIN
 UK



Sounds / Sons / Klänge www.fiamm.com/Horns

ELECTRONIC EMERGENCY HORNS AVERTISSEURS ÉLECTRONIQUES ELEKTRONISCHE HUPEN	Voltage	Amp. Draw	Compressed air	Country	Minimum	Packaging
	Tension	Consommation	source	Pays	Order Quantity	
	Spannung	Stromaufnahme		Land		
	V	A				



Type approval
Homologation
Zulassung

Reg.10/National homologation if required

Flame Retardant ABS
Brass

PS20 - AMB/POMP - I >
COD. 951082
KIT OF MODULE + 2 ELECTROVALVES

12	1.5	On-Board air system Dedicated compressor	Italy	16	14

PS20 - EMER - D >
COD. 951084
KIT OF MODULE + 2 ELECTROVALVES

12	1.5	On-Board air system Dedicated compressor	Germany Spain, Austria (Amb) Switzerland	16	14

PS20 - HI-LO >
COD. 951079
KIT OF MODULE + 2 ELECTROVALVES

12	1.5	On-Board air system Dedicated compressor	International Hi-Lo United Kingdom Belgium	16	14

PS20 - HI-LO >
COD. 951080
KIT OF MODULE + 2 ELECTROVALVES

24	0.7	On-Board air system Dedicated compressor	International Hi-Lo United Kingdom Belgium	16	14

Trumpets

The trumpets on the MC4 and PS20 Systems, thanks to the chrome and coated versions, are easily installed both inside and outside vehicles. The frequency range covers various national standards. The 4-tone version offers maximum audibility and a pleasant sound.

Les trompes des systèmes MC4 et PS20 grâce aux versions chromées et peintes s'installent facilement aussi bien à l'intérieur qu'à l'extérieur du véhicule. La gamme de fréquences répond aux différentes normes nationales. La version à 4 trompes et tons représente le maximum d'audibilité et du plaisir du son.

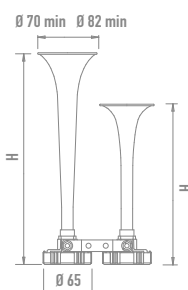
Die Hörner der MC4- und PS20-Systeme lassen sich dank ihrer Ausführung aus Chrom und Lack problemlos im Innern und außen am Fahrzeug installieren. Der Frequenzbereich deckt die unterschiedlichen nationalen Vorschriften. Die 4-Ton-Version bietet maximale Hörsamkeit und einen angenehmen Klang.

TRUMPETS TROMPES HÖRNER

Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Country Pays Land	H	Minimum Order Quantity	Packaging
dB(A) 2m	Hz		mm	u.	



Metal



TA/2 906-C+SPOILER COD. 920393 SET OF 2 TRUMPETS		>	117	L = 466 H = 622	Germany - International Austria (Amb) Switzerland	286 210	8	H1
TA/2 906-V+SPOILER COD. 920392 SET OF 2 TRUMPETS		>	117	L = 466 H = 622	Germany - International Austria (Amb) Switzerland	286 210	8	H1
TA/2 BL-V COD. 920396 SET OF 2 TRUMPETS		>	117	L = 440 H = 494	United Kingdom Belgium	297 274	8	H1
TA/2 BL-C COD. 920629 SET OF 2 TRUMPETS		>	117	L = 440 H = 494	United Kingdom Belgium	297 274	8	H1
TA/2 LE-V COD. 920400 SET OF 2 TRUMPETS		>	117	L = 466 H = 544	Spain	286 251	8	H1
TA/2 VA-V+SPOILER COD. 920395 SET OF 2 TRUMPETS		>	117	L = 392 H = 660	Italy	329 199	8	H1
TA/4 906-C+SPOILER COD. 920394 SET OF 4 TRUMPETS		>	117	L = 435 - 450 H = 580 - 600	Germany International Austria (Amb)	297 - 289 223 - 214	8	H2

Miscellaneous

Musical Horns | Compressor | Relays & Valves
Gas Horns



MUSICAL HORNS

NOVELTY line

112

COMPRESSORS

M4 line | MC4 line | MC4+ line

114

RELAYS & VALVES

RELAY line | EV line

116

GAS HORNS

GAS line

117

NOVELTY line

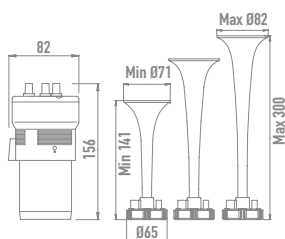
Electropneumatic, retro style horns for a pleasant sound. Available versions from 3, 5 and 6 trumpets. They reproduce the most popular melodies taken from movies and music themes.

Avertisseurs électropneumatiques au goût rétro pour un son toujours agréable. Disponibles dans les versions 3, 5 et 6 trompes. Ils reproduisent les mélodies les plus connues du monde du cinéma et de la musique.

Elektropneumatische Hupen im Retro-Stil für einen stets angenehmen Klang. Generation ausgestattet. Ausführungen mit 3, 5 und 6 Hörnern verfügbar. Es werden die bekanntesten Melodien von Filmen und Musikstücken erzeugt.

ELECTROPNEUMATIC HORNS AVERTISSEURS ÉLECTROPNEUMATIQUES ELEKTROPNEUMATISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	u.	

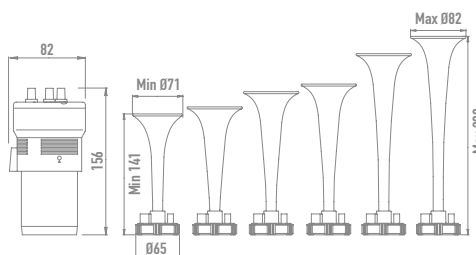


Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

CHARGE / LA CARICA >
COD. 921970
PLASTIC
IL SORPASSO >
COD. 921977
PLASTIC

12	17	116	-	5	C1
12	17	116	-	5	C1

Steel/Aluminum



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

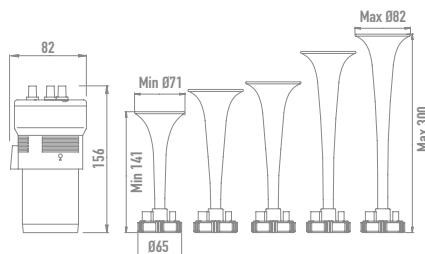
IN THE SUMMERTIME >
COD. 921979
PLASTIC
THE GODFATHER / IL PADRINO >
COD. 921976
PLASTIC

12	17	116	-	5	C3
12	17	116	-	5	C3

Steel/Aluminum

ELECTROPNEUMATIC HORNS
AVERTISSEURS ÉLECTROPNEUMATIQUES
ELEKTROPNEUMATISCHE HUPEN

Voltage Tension Spannung	Amp. Draw Consommation Stromaufnahme	Decibel Décibels Schallpegel	Frequency Fréquence Frequenz	Minimum Order Quantity	Packaging
V	A	dB(A) 2m	Hz	u.	



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

Steel/Aluminium

LA CUCARACHA >

COD. 921972

PLASTIC

12

17

116

-

5

C2

DIXIE LAND / DUKES OF HAZZARD >

COD. 921973

PLASTIC

12

17

116

-

5

C2

O' SOLE MIO >

COD. 921974

PLASTIC

12

17

116

-

5

C2

OH! SUSANNA >

COD. 921975

PLASTIC

12

17

116

-

5

C2

RIVER KWAI / LA MARCIA DEL PONTE >

COD. 921971

PLASTIC

12

17

116

-

5

C2

LA MARSIGLIESE / LA MARSEILLAISE >

COD. 921980

PLASTIC

12

17

116

-

5

C2

BRASIL >

COD. 921978

PLASTIC

12

17

116

-

5

C2

M4 line MC4 line MC4+ line

New generation, more compact, more powerful and versatile compressors. Available models are possible, from the simplest version M4, to the more powerful compressor MC4+ for more challenging applications. The MC4+ can be also used with the lubricator.

Compresseurs de nouvelle génération, plus compacts, puissants et universels. Modèles disponibles à partir de la version plus simple, M4, à la plus puissante MC4+ pour des applications difficiles. Le compresseur MC4+ peut être utilisé aussi avec le lubrificateur.

Verdichter der neuen Generation, kompakter, leistungsstärker und vielseitiger. Verfügbare Modelle: von der einfachsten M4 Ausführung bis zur starken, für schwer beanspruchende Anwendungen MC4+ Verdichter, der auch mit Öl verwendet werden kann.

COMPRESSORS COMPRESSEURS VERDICHTER

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Pressure
Pression
Betriebsdruck

Bar

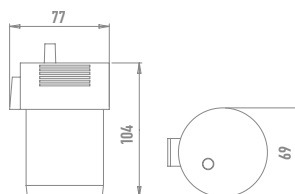
Air flow
Débit d'air
Luftlieferleistung

l/min

Minimum
Order
Quantity

u.

Packaging



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

M4 12V >
COD. 921988

12

17

1.2

80

16

18

M4 24V >
COD. 921989

24

8

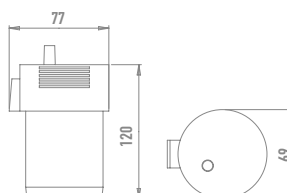
1.2

80

16

18

Steel/Aluminium



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

MC4 12V >
COD. 921991

12

17

1.4

80

16

19

MC4 24V >
COD. 921992

24

8

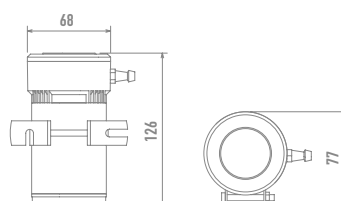
1.4

80

16

19

Steel/Aluminium



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

MC4+ 12V >
COD. 921937

12

17

1.9

80

16

110

MC4+ 24V >
COD. 921938

24

8

1.9

80

16

110

Steel/Aluminium

COMPRESSORS
COMPRESSEURS
VERDICHTER

Voltage
Tension
Spannung

Amp. Draw
Consommation
Stromaufnahme

Pressure
Pression
Betriebsdruck

Air flow
Débit d'air
Luftlieferleistung

Minimum
Order
Quantity

Packaging

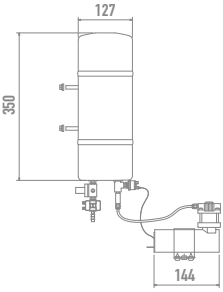
V

A

Bar

l/min

u.



TA150 | TA 180 | TA/NR | TA/NS | TA DUAL | TA MP

HIGH PRESSURE AIR SYSTEM >
COD. 921125

121131001S

Metal/Plastic

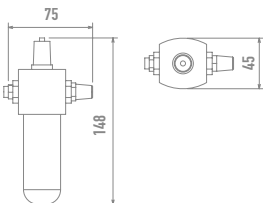
LUBRICATOR >
COD. 920617

MC4 EMERGENCY/MC4+

-

8

S5



RELAY line EV line

Relays available in 12V or 24V versions to complete the electrical circuit.

Relais disponibles à 12V ou 24V pour compléter le circuit électrique.

Mit 12V oder 24V erhältliches Relais zur Vervollständigung des Stromkreises.

Electrovalves available in 12V and 24V version to activate pneumatic horns electrically

Électrovalves disponibles en version 12V et 24V pour activer électriquement les avertisseurs pneumatiques

Elektroventile erhältlich in der Version 12V und 24V für die elektrische Aktivierung der pneumatischen Hupen

ACCESSORIES ACCESSOIRES ZUBEHÖR

Voltage
Tension
Spannung

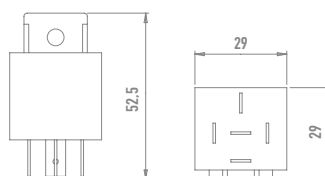
V

Suitable for
Approprié pour
Geeignet für

Minimum
Order
Quantity

u.

Packaging



RELAY 12V >
COD. 920960
5 PINS

12

-

240

U

RELAY 24V >
COD. 920961
5 PINS

24

-

240

U

PNEUMATIC HORNS AVERTISSEURS PNEMATIQUES PNEUMATISCHE HUPEN

Voltage
Tension
Spannung

V

Amp. Draw
Consommation
Stromaufnahme

A

Pressure
Pression
Betriebsdruck

Bar

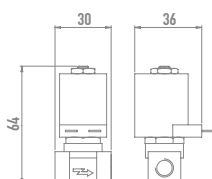
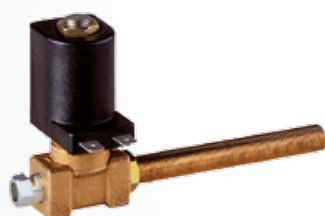
Suitable for
Approprié pour
Geeignet für

Hz

Minimum
Order
Quantity

u.

Packaging



Type approval
Homologation
Zulassung
Reg.28/Reg. 10 ECE

EV 12V - 2T >
COD. 920950

12

1.5

500
1200

8

A

EV 24V - 2T >
COD. 920975

24

0.7

500
1200

TA180
TA150
FULTONE
TC/2 PV

8

A

EV 24V WITH FILTER - 2T >
COD. 921131

24

0.7

500
1200

8

A

Metal

Emergency pressurised horn with non-flammable 134A propellant for safety at sea.

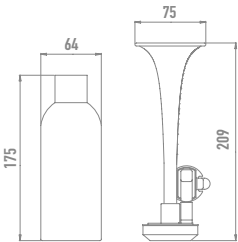
Avertisseur d'urgence pressurisé avec propol 134A non inflammable pour la sécurité en mer.

Signaleinrichtung für Notdienstfahrzeuge, mit Druck beaufschlagt, mit Druckgas 134A, nicht entzündlich, für die Sicherheit auf See.

GAS line



GAS HORNS AVERTISSEUR À GAZ GASDRUCK FANFARE	Gas volume	Decibel	Frequency	Minimum	Packaging
	Volume de gas	Décibels	Fréquence	Order	
	Gasvolumen	Schallpegel	Frequenz	Quantity	
	ml	dB(A) 1m	Hz	u.	



Not flammable
Not explosive
Not oxidant

Aluminium/Plastic	TE/M COD. 920293	300	116	590	20	T
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Not flammable
Not explosive
Not oxidant

Aluminium	REFILL TE/M COD. 926043	300	-	-	48	T1
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Reference Référence Bezug	Packaging Emballage Verpackung	Quantity for packaging Quantité par Emballage Menge pro Verpackung	Master Carton dimensions Dimensions Carton Principal Master Karton Abmessungen	Quantity for Master Carton Quantité par Carton Principal Menge pro Master Karton	M.C. Weight Poids C.P. M.K. Gewicht	Master Carton quantity on pallet Quantité de C.P. sur palette Menge von M.K. auf Palette
		no.of pieces / pezzi / piezas nombre de pièces / Stückzahl	mm	no.of pieces / pezzi / piezas nombre de pièces / Stückzahl	Kg	
A	BOX - 35x72x97	1	240x145x95	8	2	-
B1	BLISTER	1	450x510x310	10	14	-
B2	BLISTER	1	450x510x310	10	16	-
B3	BLISTER	1	450x510x310	10	11	-
B4	BLISTER	1	450x510x310	10	14	-
C1	BLISTER	1	380x330x475	5	8	-
C2	BLISTER	1	460x385x455	5	9	-
C3	BLISTER	1	520x425x465	5	10	-
C4	BLISTER	1	502x427x225	12	10	-
F1	BULK	-	450x510x310	20	3	-
F2	BULK	-	450x510x310	40	4	-
F4	BOX - 135x200x480	1	550x445x445	6	8	12
F5	BOX - 135x200x480	1	550x445x445	6	5	12
F6	BOX - 220x310x150	1	500x325x400	5	15	28
F9	BOX - 135x200x480	1	550x445x445	6	10	12
F10	BOX - 110x135x480	1	450x520x265	6	10	12
F11	BOX - 220x310x150	1	500x325x400	5	12	28
F12	BOX - 185x220x150	1	500x325x400	8	10	28
F13	BOX - 135x200x480	1	550x445x445	6	9	12
F14	BOX - 110x135x480	1	450x520x265	6	5	12
F15	BOX - 220x310x150	1	500x325x400	5	4	18
F16	BOX - 110x135x480	1	450x520x265	6	4	12
F17	BOX - 110x135x480	1	450x520x265	6	3	12
G1	BOX - 113x194x80	2 H+L/L+L	400x300x300	16	13	30
G2	BOX - 82x90x105	1	400x300x300	35	11	20
G3	BOX - 82x90x105	1	400x300x300	35	10	40
G4	BOX - 95x190x85	2 H+L	600x460x200	30	21	32
G5	BOX - 142x180x146	1	400x300x300	8	5	40
G6	BOX - 144x385x146	1	400x300x300	4	12	40
G7	BOX - 142x180x146	1	400x300x300	8	18	40
G8	BOX - 142x180x146	1	400x300x300	8	9	40
G9	BOX - 113x194x80	1	400x300x300	16	9	40
H	BOX - 95x166x357	1	400x390x480	8	11	-
H1	BOX - 95x166x357	1	400x390x480	8	7	-
H2	2 BOX - 95x166x357	1	400x390x480	4	6	-

Reference Référence Bezug	Packaging Emballage Verpackung	Quantity for packaging Quantité par Emballage Menge pro Verpackung	Master Carton dimensions Dimensions Carton Principal Master Karton Abmessungen	Quantity for Master Carton Quantité par Carton Principal Menge pro Master Karton	M.C. Weight Poids C.P. M.K. Gewicht	Master Carton quantity on pallet Quantité de C.P. sur palette Menge von M.K. auf Palette
		no.of pieces / pezzi / piezas nombre de pièces / Stückzahl	mm	no.of pieces / pezzi / piezas nombre de pièces / Stückzahl	Kg	
I1	BOX - 82x90x105	1	400x300x200	22	7	10
I2	BOX - 82x90x105	1	400x300x200	22	6	-
I3	BOX - 83x126x192	1	400x300x200	9	5	40
I4	BOX - 113x194x80	1	400x300x300	16	8	40
I5	BOX - 83x126x192	2	400x300x200	9	3	-
I6	BOX - 83x126x192	1	400x300x200	9	4	-
I7	BOX - 82x90x105	1	400x300x200	22	2	-
I8	BOX - 113x194x80	1	510x430x225	16	14	-
I9	BOX - 113x194x80	1	510x430x225	16	15	-
I10	BOX - 113x194x80	1	510x430x225	16	20	-
I11	BOX - 113x194x80	1	510x430x225	16	28	-
I12	BOX - 82x90x105	1	400x300x200	22	7	40
I13	BOX - 82x90x106	2	400x300x200	22	8	40
I14	BOX - 93x190x85	2 H+L	400x300x200	12	7	40
I15	BOX - 82x90x105	1	3 boxes x (400x300x200)	3 boxes x 22	3 boxes x 7	40
I16	BOX - 93x190x85	2 H+L	3 boxes x (400x300x200)	3 boxes x 12	3 boxes x 8	40
I17	BOX - 82x90x105	1	3 boxes x (400x300x200)	3 boxes x 22	3 boxes x 6	40
I18	BOX - 93x190x85	2 H+L	3 boxes x (400x300x200)	3 boxes x 12	3 boxes x 6	40
L1	BOX - 93x190x85	2 H+L	610x470x230	30	21	32
L2	BOX - 93x190x85	2 H+L	610x470x230	30	20	32
L3	BOX - 93x190x85	2 H+L	610x470x230	30	15	32
L4	BOX - 95x138x103	1	610x470x230	32	13	16
M	BOX - 145x145x690	1	725x500x490	9	13	6
N	BOX - 82x90x105	1	460x450x300	60	19	12
N1	BOX - 82x90x105	1	460x450x300	60	15	16
R	BOX - 130x215x150	1	600x400x300	13	9	15
S	BOX - 62x125x125	1	300x200x200	8	5	20
S2	BOX - 82x90x105	3	300x200x200	9	1	-
S3	BOX - 82x90x106	1	300x200x200	9	2	-
S4	BOX - 50x80x105	4	400x300x200	22	2	-
S5	BOX - 62x125x125	1	300x200x200	8	2	-
S6	BOX - 82x90x105	1	7 boxes x (300x200x200)	7 boxes x 9	7 boxes x 3	32
T	BLISTER	1	500x320x420	20	11	28
T1	BLISTER	1	500x320x420	48	19	28
U	BULK	-	300x200x200	240	7	-
V	BOX - 435x300x290	1	435x300x290	1	4,9	-

Reference Référence Bezug	Thickness Épaisseur Dicke	Quantity for horn Quantité par avertisseur Menge pro Hupe	Interaxis Entraxe Achsabstand	Fastening diameter on vehicle Diamètre fixation sur voiture Befestigungsdurchmesser am Fahrzeug
	mm		mm	
AM80S	2	1	70	M8
TR99	2	1	65	M8
HK9	1	2	65	M8
HK8	1	2	65	M8

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