

**Industrial Ethernet
IE-PS-M12X-S-FH****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com



M12 X type cat. 6A plug can be assembled on-site with
quick connection system

General ordering data

Type	IE-PS-M12X-S-FH
Order No.	1516330000
Version	Sockets prefabricated to customer spec., M12, Insulation displacement technology, Cat.6 _A / Class E _A (ISO/IEC 11801 2010), IP67
GTIN (EAN)	4050118323788
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight	23 g
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Temperatures

Operating temperature, max.	85 °C	Operating temperature, min.	-40 °C
Operating temperature	-40 °C...85 °C	Storage temperature	
Installation temperature			

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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General Info

Connection 1	M12	Connection 2	Insulation displacement technology
Housing main material	Zinc diecast	Insulation cross-section, max.	1.6 mm
Category	Cat.6A / Class E _A (ISO/IEC 11801 2010)	Connection thread	M12
Contact material	Brass	Contact surface	Gold-plated
Connection diameter, solid	0.4...0.64 mm	Conductor connection cross-section, solid (AWG)	AWG 24...AWG 22
Connection diameter, flexible	0.48...0.76 mm	Conductor connection cross-section, flexible (AWG)	AWG 26...AWG 22
Sheath diameter, min.	5 mm	Sheath diameter, max.	9.7 mm
Contact holder materials	PA	Shielding	360°; all-round enclosure
Protection degree	IP67	Plugging cycles	≥ 100

Electrical properties

Current-carrying capacity at 50 °C	0.5 A @ 40 °C	Insulation strength	100 MΩ
PoE / PoE+	conforming to IEEE 802.3at	Rated voltage	48 V

Standards

Fire safety for railway vehicles	DIN EN 45545-2	Connector standard	IEC 61076-2-109
Certificate no. (cULus)	E316369		

Classifications

ETIM 6.0	EC002062	eClass 6.2	27-25-05-04
eClass 7.1	27-25-05-04	eClass 8.1	19-17-01-25
eClass 9.0	27-44-01-02	eClass 9.1	27-44-01-03

Approvals

Approvals



ROHS	Conform
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Technical data

Downloads

Approval/Certificate/Document of Conformity	DUXR.E316369 Certificat CC Link IE Field M12-X
Brochure/Catalogue	CAT 9 IETH 15/16 EN MB FREECONTACT EN FL FIELDWIRING EN PI PROFINET CABLING EN
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN Manual

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Drawings

Dimensioned drawing

