

**Industrial Ethernet
IE-PS-M12X-P-FH**

Weidmüller Interface GmbH & Co. KG
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Germany
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M12 X type cat. 6A plug can be assembled on-site with quick connection system

General ordering data

Type	IE-PS-M12X-P-FH
Order No.	1324020000
Version	Plug-in connector, M12, Insulation displacement technology, Cat.6 _A / Class E _A (ISO/IEC 11801 2010), IP67
GTIN (EAN)	4050118127782
Qty.	10 pc(s).

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Technical data
Dimensions and weights

Net weight 33.95 g

Temperatures

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

General Info

Connection 1	M12	Connection 2	Insulation displacement technology
Housing main material	Zinc diecast	Insulation cross-section, max.	1.6 mm
Category	Cat.6 _A / 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 resistance	100 MΩ
PoE / PoE+	conforming to IEEE 802.3at	Rated voltage	48 V

Standards

Connector standard	IEC 61076-2-109	Certificate no. (cULus)	E316369
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Downloads

UL Approval	DUXR.E316369.pdf
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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	19-17-01-25	eClass 9.1	27-44-01-03

Approvals

Approvals



ROHS	Conform
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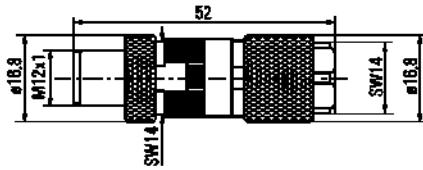
Data sheet

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Drawings

Dimensioned drawing



Pinning

