

IE-PS-M12X-P-FH**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Individual cable lengths are often required nowadays. In order to meet these demands, Weidmüller offers a wide range of plug-in connectors for custom assembly. Male plugs and female socket for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M12 plug-in connectors offer a choice of 5 different connection systems. The IDC is simple and quick to assemble since this technology allows the conductor to be inserted directly into the terminal point, without crimping or having to strip the insulation. It also has excellent functional security.

General ordering data

Version	Plugs prefabricated to customer spec., M12, IDC, IP67 plugged
Order No.	1324020000
Type	IE-PS-M12X-P-FH
GTIN (EAN)	4050118127782
Qty.	10 pc(s).

Creation date September 16, 2022 3:26:17 AM CEST

Catalogue status 09.09.2022 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Net weight 33.95 g

Temperatures

Operating temperature -40 °C...85 °C

Environmental Product Compliance

REACH SVHC	SCIP	67cf1078- beca-4687-860b- dc475a6ec24a
Lead 7439-92-1		

Technical data customisable plug-in connectors

Coding	X	Contact surface	Gold-plated
Housing main material	Zinc diecast	Insulation strength	100 MΩ
Number of poles	8	Plugging cycles	≥ 100
Protection degree	IP67 plugged	Rated voltage	48 V
Shield connection	Yes		

General Info

Connection 1	M12	Connection 2	IDC
Wiring	EIA/TIA T568 A, EIA/TIA T568 B	Housing main material	Zinc diecast
Insulation cross-section, max.	1.6	Connection thread	M12
Contact material	Brass	Contact surface	Gold-plated
Connection diameter, solid	0.41...0.64	Wire connection diameter, solid, min.	0.41
Conductor connection cross-section, solid (AWG)	AWG 26/1...AWG 22/1	Wire connection diameter, solid, max.	0.64
Connection diameter, flexible	0.48...0.76 mm	Wire cross-section, solid, min. (AWG)	AWG 26/1
Conductor connection cross-section, flexible (AWG)	AWG 26/7...AWG 22/7	Wire cross-section, solid, max. (AWG)	AWG 22/1
Wire connection diameter, flexible, min.	0.48 mm	Wire connection diameter, flexible, max.	0.76 mm
Wire cross-section, finely stranded, min. (AWG)	AWG 26/7	Wire cross-section, finely stranded, max. (AWG)	AWG 22/7
Sheath diameter, min.	5 mm	Sheath diameter, max.	9.7 mm
Contact holder materials	PA	Type of mounting	Screw mounting
Shielding	360° all-round enclosure	Protection degree	IP67 plugged
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

General standards

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

Connector standard	IEC 61076-2-109	Fire safety for railway vehicles	DIN EN 45545-2
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Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
ETIM 8.0	EC002635	ECLASS 9.0	27-44-01-02
ECLASS 9.1	27-44-01-03	ECLASS 10.0	27-44-01-02
ECLASS 11.0	27-44-01-02	ECLASS 12.0	27-44-01-16

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E316369

Downloads

Approval/Certificate/Document of Conformity	DUXR.E316369 CC Link IE Field M12-X PROFINET Manufacturer's Declaration
Engineering Data	CAD data – STEP
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN Manual
Catalogues	Catalogues in PDF-format
Brochures	MB FREECONTACT EN FL FIELDWIRING EN PI PROFINET CABLING EN FL FIELDWIRING EN PI PROFINET CABLING EN

Data sheet

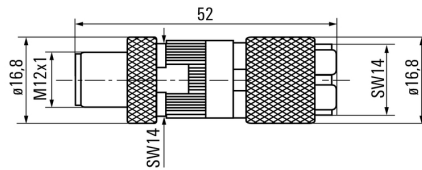
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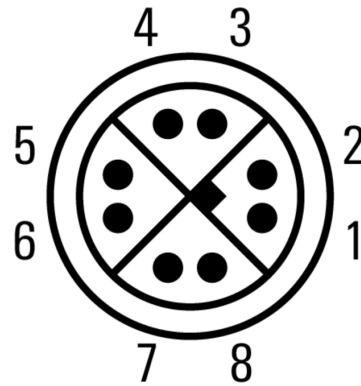
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Drawings

Dimensioned drawing



Pinning



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