

IE-PS-M12X-180-P-TH**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 crimp connection is characterised by high functional reliability. With this connection technology, the conductor is crimped to the contact and then engaged in the contact carrier. The connection between the conductor and crimp is vibration-resistant and boasts long-term stability.

General ordering data

Order No.	2664820000
Type	IE-PS-M12X-180-P-TH
GTIN (EAN)	4050118765229
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight 15 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical data customisable plug-in connectors

Cable diameter	4...9 mm	Cable diameter, max.	9 mm
Cable diameter, min.	4 mm	Category	Cat.6 _A / Class E _A (ISO/IEC 11801 2010)
Coding	X	Conductor cross-section, max.	0.34 mm ²
Conductor cross-section, min.	0.14 mm ²	Connection cross-section, max.	0.34 mm ²
Connection cross-section, min.	0.14 mm ²	Contact surface	Gold-plated
Housing main material	CuZn	Number of poles	4
Plugging cycles	≥ 500	Pollution severity	3
Protection degree	IP67	Rated current	4 A
Rated voltage	50 V	Shield connection	Yes
Temperature range of housing	-40 ... +85 °C	Type of connection	Crimp connection

Classifications

ETIM 6.0	EC002635	ETIM 7.0	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

Approvals

ROHS Conform

Downloads

Engineering Data	STEP
Brochure/Catalogue	Catalogues in PDF-format

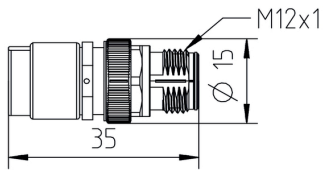
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Drawings

Dimensioned drawing



Pole scheme

