

IE-PS-M12X-180-S-TH-CG**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

The 8pole M12 Mini crimp cable connector with X-coding and 90° cable exit is with compact dimensions and 8 cable exit positions predestined for difficult installation conditions. The cable clamp version with the wide cable clamp ranges from 4 up to 9 mm plus the fully shielded housing together with the shielded strain relief is the universal fail-safe solution for all common cables on the market.

General ordering data

Order No.	2672440000
Type	IE-PS-M12X-180-S-TH-CG
GTIN (EAN)	4050118765045
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight 16 g

Technical data customisable plug-in connectors

Cable diameter, max.	9 mm	Cable diameter, min.	4 mm
Coding	X-coded	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
Gender of contact	Female	Housing main material	Cu alloy Ni plated
Number of poles	8	Plugging cycles	≥ 500
Pollution severity	3	Protection degree	IP67 plugged
Rated current	4 A	Rated voltage	50 V
Shield connection	Yes, screwed		

General Info

Number of poles	8	Connection 1	M12
Connection 2	Crimp	Housing main material	Cu alloy Ni plated
Connection thread	M12	Contact surface	Gold-plated
Protection degree	IP67 plugged	Plugging cycles	≥ 500

Electrical properties

Rated voltage 50 V

General standards

Connector standard IEC 61076-2-109

Standards

Connector standard IEC 61076-2-109

Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
ETIM 8.0	EC002635	ETIM 9.0	EC002635
ETIM 10.0	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
ECLASS 13.0	27-44-01-02	ECLASS 14.0	27-44-01-16
ECLASS 15.0	27-44-01-16		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	67cf1078-beca-4687-860b-dc475a6ec24a

Approvals

ROHS Conform

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Catalogue status 07.06.2025 / We reserve the right to make technical changes.

Data sheet

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Technical data

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

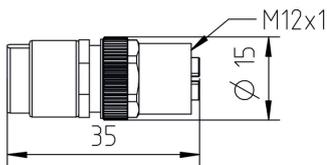
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Drawings

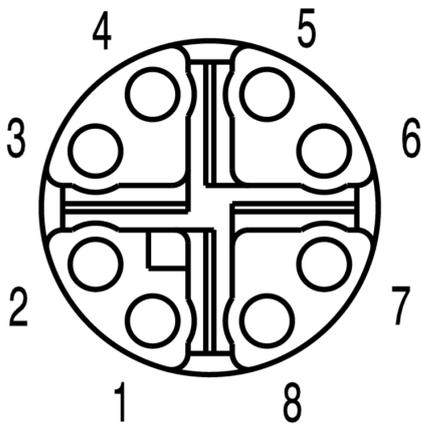
Dimensioned drawing



Dimensioned drawing



Pole scheme



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Accessories

M12X crimp contacts

Machined precision crimp contacts for M12X



General ordering data

Type	IE-PIC-M12X-S-22/26	Version
Order No.	2673440000	Contact, Socket connector
GTIN (EAN)	4050118765359	
Qty.	100 pc(s).	

...for M12



Weidmüller offers a wide range of tools and accessories for sensor-actuator cabling.

General ordering data

Type	SAI-TMCSK	Version
Order No.	1381690000	Pressing tool, 4-indent crimp
GTIN (EAN)	4050118183870	
Qty.	1 pc(s).	