

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

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.	<a href="#">2672440000</a>
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
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**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 <sup>2</sup>
Conductor cross-section, min.	0.14 mm <sup>2</sup>	Connection cross-section, max.	0.34 mm <sup>2</sup>
Connection cross-section, min.	0.14 mm <sup>2</sup>	Contact surface	Gold-plated
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
Temperature range of housing	-40 ... +85 °C	Type of connection	Crimp connection

**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
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**General standards**

Connector standard	IEC 61076-2-109
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**Standards**

Connector standard	IEC 61076-2-109
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**Classifications**

ETIM 6.0	EC002635	ETIM 7.0	EC002635
ETIM 8.0	EC002635	ETIM 9.0	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		

**Environmental Product Compliance**

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

**Approvals**

ROHS	Conform
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## Technical data

### Downloads

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

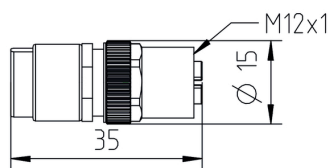
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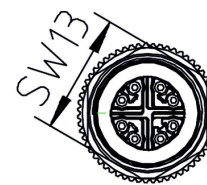
[www.weidmueller.com](http://www.weidmueller.com)

## Drawings

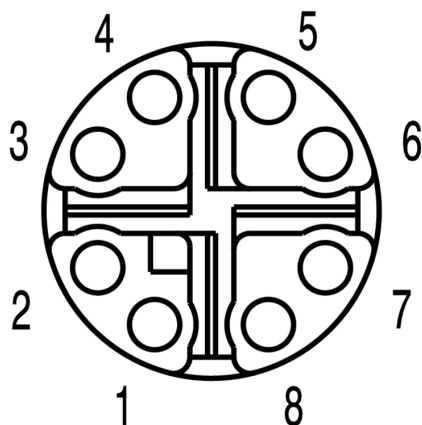
### Dimensioned drawing



### Dimensioned drawing



### Pole scheme



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****...for M12**

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

**General ordering data**

Type	SAI-TMCSK	Version
Order No.	<a href="#">1381690000</a>	Pressing tool, 4-indent crimp
GTIN (EAN)	4050118183870	
Qty.	1 pc(s).	

**M12X crimp contacts**

Machined precision crimp contacts for M12X

**General ordering data**

Type	IE-PIC-M12X-S-22/26	Version
Order No.	<a href="#">2673440000</a>	Contact, Socket connector
GTIN (EAN)	4050118765359	
Qty.	100 pc(s).	