

**IE-PS-M12X-90-P-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="#">2702710000</a>
Type	IE-PS-M12X-90-P-TH-CG
GTIN (EAN)	4050118765328
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Net weight	20.5 g
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**Technical data customisable plug-in connectors**

Cable diameter, max.	9 mm	Cable diameter, min.	4 mm
Category	Cat.6A / Class EA (ISO/IEC 11801 2010)	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	4	Plugging cycles	≥ 500
Pollution severity	3	Protection degree	IP67 plugged
Rated current	2 A	Rated voltage	30 V
Shield connection	Yes, screwed	Temperature range of housing	-40 ... +85 °C
Type of connection	Crimp connection		

**General Info**

Number of poles	4	Connection 1	M12
Connection 2	Crimp	Housing main material	Cu alloy Ni plated
Category	Cat.6A / Class EA (ISO/IEC 11801 2010)	Connection thread	M12
Contact surface	Gold-plated	Protection degree	IP67 plugged
Plugging cycles	≥ 500		

**Electrical properties**

Rated voltage	30 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
RoHS Compliance Status	Compliant

**Approvals**

ROHS	Conform
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Creation date October 5, 2024 2:47:14 AM CEST

Catalogue status 28.09.2024 / We reserve the right to make technical changes.

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## Technical data

### Downloads

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

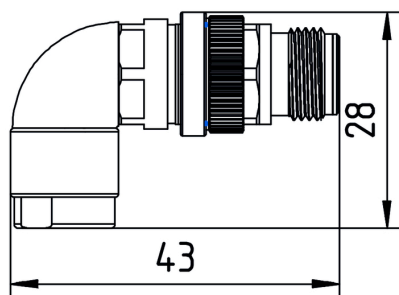
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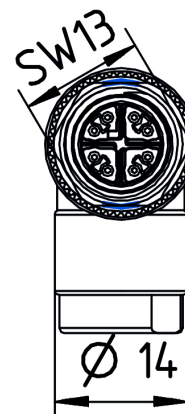
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## Drawings

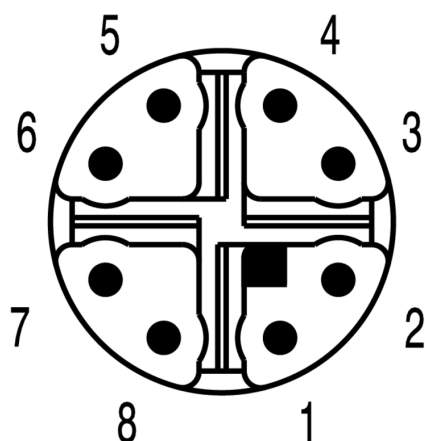
**Dimensioned drawing**



**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-P-22/26	Version
Order No.	<a href="#">2664880000</a>	Contact, Pin
GTIN (EAN)	4050118765342	
Qty.	100 pc(s).	