

## IE-PS-M12X-S-FH

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

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



### General ordering data

Version	Sockets prefabricated to customer spec., M12, Insulation displacement technology, Cat.6 <sub>A</sub> / Class E <sub>A</sub> (ISO/IEC 11801 2010), IP67
Order No.	<a href="#">1516330000</a>
Type	IE-PS-M12X-S-FH
GTIN (EAN)	4050118323788
Qty.	1 pc(s).

Creation date December 24, 2020 9:49:51 AM CET

Catalogue status 08.12.2020 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Net weight	23 g
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## Temperatures

Operating temperature	-40 °C...85 °C
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## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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## Technical data customisable plug-in connectors

Category	Cat.6 <sub>A</sub> / Class E <sub>A</sub> (ISO/IEC 11801 2010)	Contact surface	Gold-plated
Housing main material	Zinc diecast	Insulation strength	100 MΩ
Number of poles	8	Plugging cycles	≥ 100
Protection degree	IP67	Rated voltage	48 V

## 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
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

Approvals



ROHS	Conform
UL File Number Search	E316369

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">DUXR.E316369</a> <a href="#">CC Link IE Field M12-X</a> <a href="#">PROFINET Manufacturer's Declaration</a>
Brochure/Catalogue	<a href="#">CAT 9 IETH 18/19 EN</a> <a href="#">MB FREECONTACT EN</a> <a href="#">FL FIELDWIRING EN</a> <a href="#">PI PROFINET CABLING EN</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">MAN IE GUIDE DE</a> <a href="#">MAN IE GUIDE EN</a> <a href="#">Manual</a>

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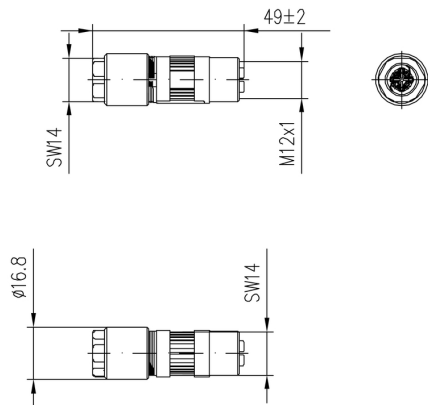
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**Drawings**

**Dimensioned drawing**



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**Accessories**
**Screwty® cable gland tool**

**The ideal tool for any application**

Screwty® is the ideal, all-purpose tool for tightening all common sensor and actuator cables. Even difficult-to-reach round plugs are accessible using the Screwty®. A simple turning movement tightens and loosens the connectors without the need for excessive force. The Screwty® is a unique and global solution since it fits with most cables and plugs from other vendors (over 90 %). The Screwty® consists of a handle with a conventional 1/4" adapter. Thus it can be used for all sizes: for M12 and M8 round plug-in connectors, and for M12F and M8F customisable plugs and sockets, as well as for all M23 plugs and sockets.

**General ordering data**

Type	SCREWTY SET	Version
Order No.	<a href="#">1910000000</a>	Tools, Bolting tool
GTIN (EAN)	4032248436842	
Qty.	1 pc(s).	
Type	SCREWTY- M12 F	Version
Order No.	<a href="#">1900020000</a>	Tools, Cable gland tool for M12 connectors
GTIN (EAN)	4032248375851	
Qty.	1 pc(s).	

**Screwty® cable gland tool with torque function**

**The ideal tool for any application**

Screwty® is the ideal, all-purpose tool for tightening all common sensor and actuator cables. Even difficult-to-reach round plugs are accessible using the Screwty®. A simple turning movement tightens and loosens the connectors without the need for excessive force. The Screwty® is a unique and global solution since it fits with most cables and plugs from other vendors (over 90 %). The Screwty® consists of a handle with a conventional 1/4" adapter. Thus it can be used for all sizes: for M12 and M8 round plug-in connectors, and for M12F and M8F customisable plugs and sockets, as well as for all M23 plugs and sockets.

**General ordering data**

Type	SCREWTY-M12 F-DM	Version
Order No.	<a href="#">1900021000</a>	Tools, Cable gland tool for M12 connectors
GTIN (EAN)	4032248436828	
Qty.	1 pc(s).	
Type	SCREWTY SET -DM	Version
Order No.	<a href="#">1920000000</a>	Tools, Bolting tool
GTIN (EAN)	4032248436859	
Qty.	1 pc(s).	