

SAISP-M-4D-4/8-M12**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

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.

General ordering data

Version	Field attachable connector, M12
Order No.	2681680000
Type	SAISP-M-4D-4/8-M12
GTIN (EAN)	4050118759853
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	36 g
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Technical data customisable plug-in connectors

Cable diameter, max.	8 mm	Cable diameter, min.	4 mm
Category	Cat.5 (ISO/IEC 11801)	Coding	D-coded
Conductor cross-section, max.	0.75 mm ²	Conductor cross-section, min.	0.14 mm ²
Connection cross-section, max.	0.75 mm ²	Connection cross-section, min.	0.14 mm ²
Contact surface	Ni/Au	Gender of contact	Male
Housing main material	PA 66	Insulation strength	≥ 100 MΩ
Number of poles	4	Pollution severity	3
Protection degree	IP67	Rated current	4 A
Rated voltage	60 V	Shield connection	Yes
Temperature range of housing	-40 ... +85 °C	Threaded ring material	Diecast zinc
Type of connection	PUSH IN		

General Info

Number of poles	4	Connection 1	M12
Connection 2	PUSH IN	Wiring	4-core, PROFINET
Housing main material	PA 66	Category	Cat.5 (ISO/IEC 11801)
Connection thread	M12	Contact surface	Ni/Au
Protection degree	IP67		

Electrical properties

Insulation strength	≥ 100 MΩ	Rated voltage	60 V
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General standards

Certificate no. (cULus)	E307231
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Standards

Fire safety for railway vehicles	DIN EN 45545-2	Shock and vibration proof according to	EN 50155:2001
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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 without exemption
REACH SVHC	No SVHC above 0.1 wt%

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Technical data

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E307231

Downloads

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

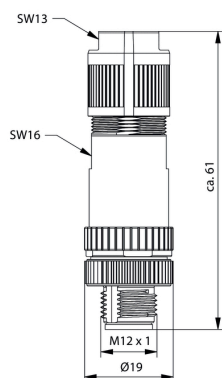
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Drawings

Drawing



Pole scheme

