

SAI-WDF-M12-4P-S-COD-M16

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

www.weidmueller.com

Product image



General ordering data

Order No.	2830770000
Type	SAI-WDF-M12-4P-S-COD-M16
GTIN (EAN)	4064675389125
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight 24 g

Technical data customisable plug-in connectors

Cable glands	M 12	Coding	S-coded
Contact material	CuZn	Contact surface	Gold-plated
Housing main material	CuZn, nickel-plated	Number of poles	4
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP65, IP67, IP68	Rated current	12 A
Rated voltage	600 V	Shield connection	Yes
Temperature range of housing	-25...+85 °C	Type of connection	Plug / socket, when screwed in

Standards

Connector standard IEC 61076-2-111 Standard, insulating material IEC 60664-1

General technical specifications

Cable glands	M 12	Coding	S-coded
Connection thread	M12 plug, M12 socket	Contact material	CuZn
Contact surface	Gold-plated	Housing main material	CuZn, nickel-plated
Number of poles	4	Plugging cycles	≥ 100
Pollution severity	3	Protection degree	IP65, IP67, IP68
Rated current	12 A	Rated voltage	600 V
Temperature range of housing	-25...+85 °C	Type of connection	Plug / socket, when screwed in

Classifications

ETIM 6.0	EC002925	ETIM 7.0	EC002925
ETIM 8.0	EC002925	ETIM 9.0	EC002925
ETIM 10.0	EC002925	ECLASS 9.0	27-44-01-06
ECLASS 9.1	27-44-01-06	ECLASS 10.0	27-44-01-06
ECLASS 11.0	27-44-01-06	ECLASS 12.0	27-44-01-06
ECLASS 13.0	27-44-01-06	ECLASS 14.0	27-44-01-06
ECLASS 15.0	27-44-01-06		

Approvals

Approvals



Approvals MAMID https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/

ROHS Conform

UL File Number Search UL Website

Certificate No. (cURus) E92202

Creation date July 15, 2025 10:12:40 PM CEST

Catalogue status 04.07.2025 / We reserve the right to make technical changes.

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Technical data**Environmental Product Compliance**

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Downloads

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

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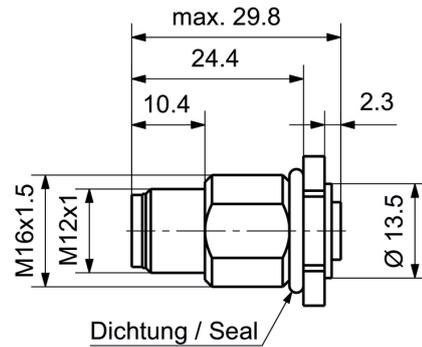
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Drawings

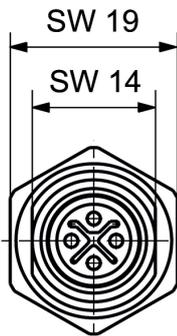
Product image



Dimensioned drawing

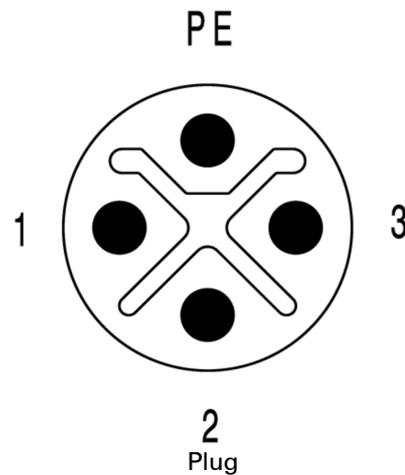


Detailed drawing

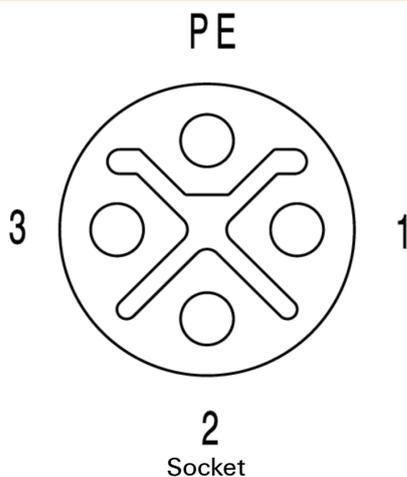


Plug

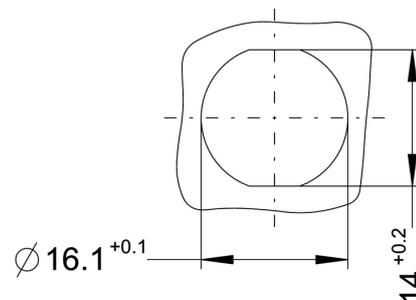
Pole scheme



Pole scheme



Installation cut-out



Data sheet

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Drawings

Wiring diagram

