

SAI-WDF-M12-5P-L-COD-M16**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****General ordering data**

Order No.	2830800000
Type	SAI-WDF-M12-5P-L-COD-M16
GTIN (EAN)	4064675389187
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	24 g
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Technical data customisable plug-in connectors

Cable glands	M 12	Coding	L-coded
Contact material	CuZn	Contact surface	Gold-plated
Housing main material	CuZn, nickel-plated	Number of poles	5
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP65, IP67, IP68	Rated current	16 A
Rated voltage	63 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
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General technical specifications

Cable glands	M 12	Coding	L-coded
Connection thread	M12 socket, M12 plug	Contact material	CuZn
Contact surface	Gold-plated	Housing main material	CuZn, nickel-plated
Number of poles	5	Plugging cycles	≥ 100
Pollution severity	3	Protection degree	IP65, IP67, IP68
Rated current	16 A	Rated voltage	63 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		

Environmental Product Compliance

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

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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/
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ROHS	Conform
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UL File Number Search	UL Website
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Certificate No. (cURus)	E92202
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Downloads

Engineering Data	CAD data – STEP
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Catalogues	Catalogues in PDF-format
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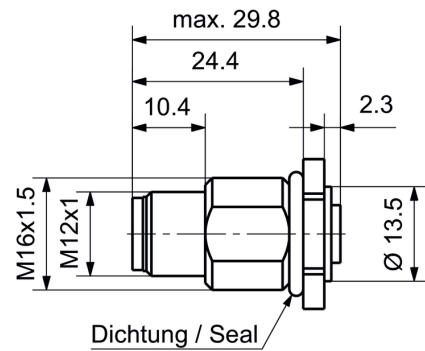
www.weidmueller.com

Drawings

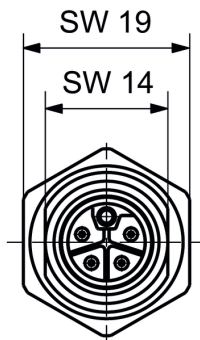
Product image



Dimensioned drawing

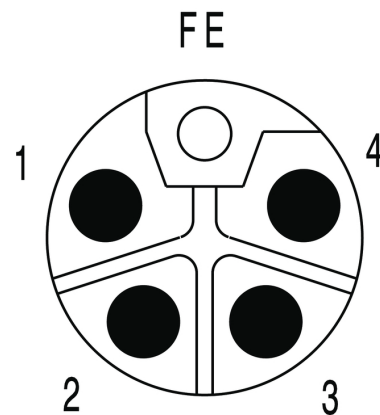


Detailed drawing



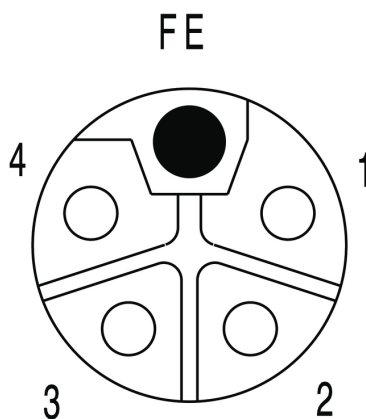
Plug

Pole scheme



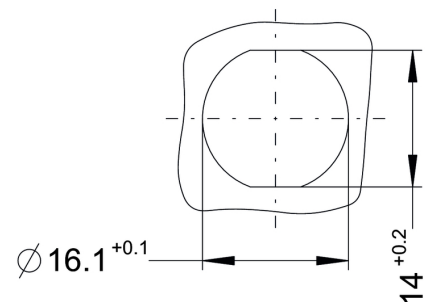
Plug

Pole scheme



Socket

Installation cut-out



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Drawings

Wiring diagram

