Data sheet

SAI-H4-M12-K-SI

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

www.weidmueller.com



RoHS COMPLIANT

General ordering data

Version	Y connector
Order No.	3099290000
Type	SAI-H4-M12-K-SI
GTIN (EAN)	4099987133944
Qty.	1 items

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Net weight	50 g

Environmental Product Compliance

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

Connection data

Single outlet 3 - plug-in connector	M12 socket	Group outlet - plug-in connector	M12 pin
Single outlet 1 - plug-in connector	M12 socket	Single outlet 2 - plug-in connector	M12 socket

Technical data customisable plug-in connectors

Number of poles	4	Coding	K-coded
Contact surface	Gold-plated	Housing main material	TPU
Insulation resistance	≥ 100 MΩ	Contact material	CuZn
Nominal voltage	630 V	Nominal current	16 A
Protection degree	IP65	Plugging cycles	≥ 100
Pollution severity	3	Cable gland	M 12
Shield connection	Yes	Threaded ring material	Brass, nickel-plated
Temperature range of housing	-40 … +85 ° C		

Standards

Connector standard	IEC 61076-2-111

General data

Number of poles	4	Coding	K-coded
Contact material, socket	CuZn	Contact material, pin	CuZn
Contact surface	Gold-plated	Housing main material	TPU
Insulation resistance	≥ 100 MΩ	Contact material	CuZn
Nominal voltage	630 V	Nominal current	16 A
Protection degree	IP65	Plugging cycles	≥ 100
Pollution severity	3	Cable gland	M 12
Connection 1	M12/M12	Connection 2	M12
Shield connection	Yes	Temperature range of housing	-40 … +85 ° C
Conductor O.D.	-		

Classifications

ETIM 8.0	EC002925	ETIM 9.0	EC002925
ETIM 10.0	EC002925	ECLASS 14.0	27-44-01-06
ECLASS 15.0	27-44-01-06		

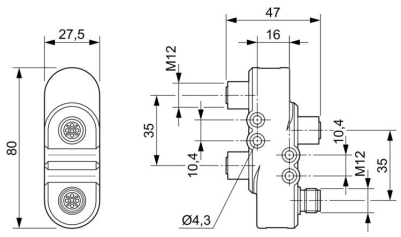
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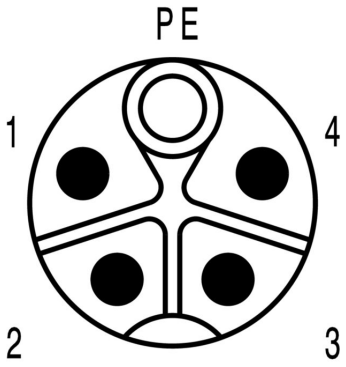
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Drawings

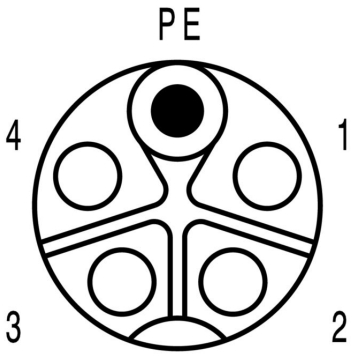
Dimensioned drawing



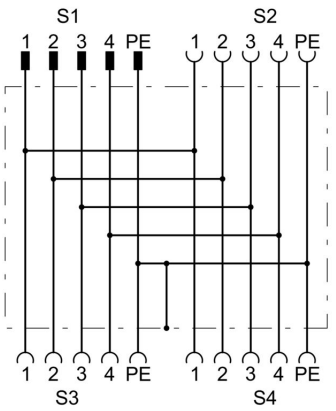
Pole scheme



Pole scheme



Wiring diagram



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Drawings

Derating curve

