Data sheet

SAI-Y-5S M12/M12 2BO

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

www.weidmueller.com



General ordering data

Version	Y connector, M12 / M12
Order No.	1881710000
Type	SAI-Y-5S M12/M12 2BO
GTIN (EAN)	4032248484522
Qty.	1 items

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Net weight	49 g

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	4060c755-8d0b-4d43-bdb3-4ffabe9d7497

Connection data

Group outlet - plug-in connector	M12 pin	Single outlet 1 - plug-in connector	M12 socket
Single outlet 2 - plug-in connector	M12 socket	Tightening torque	M12: 0.8 - 1.2 Nm

Technical data customisable plug-in connectors

Number of poles	5	Coding	A-coded
Contact surface	Gold-plated	Housing main material	TPU
Insulation resistance	≥ 100 MΩ	Contact material	CuZn
Nominal voltage	60 V	Nominal current	4 A
Protection degree	IP65, IP67, IP68	Plugging cycles	≥ 100
Pollution severity	3	Shield connection	No
Threaded ring material	Nickel-plated CuZn	Temperature range of housing	-30...+90 °C

Standards

Connector standard	IEC 61076-2-101, IEC 61076-2-104

General data

Number of poles	5	Coding	A-coded
Connection thread	M12 / M12	Contact surface	Gold-plated
Housing main material	TPU	Insulation resistance	≥ 100 MΩ
Contact material	CuZn	Nominal voltage	60 V
Nominal current	4 A	AF size	13 mm
Protection degree	IP65, IP67, IP68	Plugging cycles	≥ 100
Pollution severity	3	Connection 1	M12/M12
Connection 2	Screw	Shield connection	No
Temperature range of housing	-30...+90 °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		

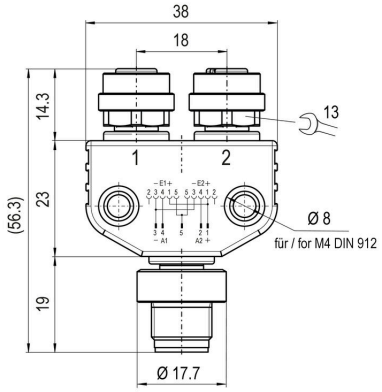
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Drawings

Dimensioned drawing



Dimensioned drawing

Dimensioned drawing

Wiring diagram

