

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 pc(s).

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Technical data

Dimensions and weights

Net weight	49 g
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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

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

Standards

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

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

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

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Approvals



Approvals MAMID

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

ROHS

Conform

Downloads

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[Technical change to Y-distributor \(1881710000 - SAI-Y-5S M12/M12 2BO\)](#)
[Technische Änderung für Y-Verteiler \(1881710000 - SAI-Y-5S M12/M12 2BO\)](#)
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Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)
[FL FIELDWIRING EN](#)

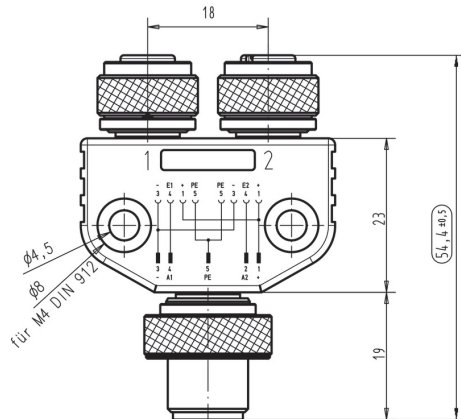
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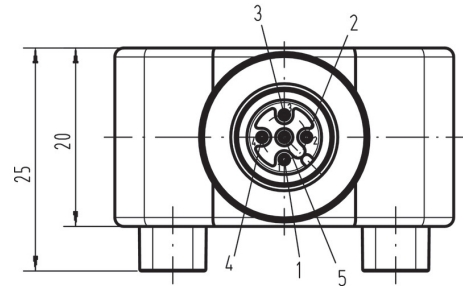
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Drawings

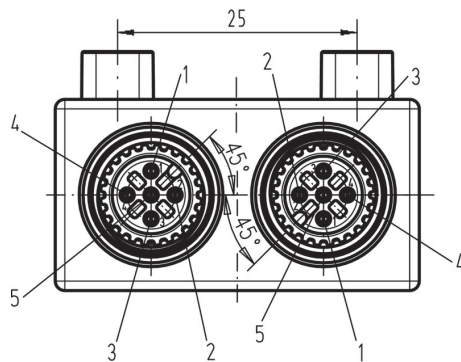
Dimensioned drawing



Dimensioned drawing



Dimensioned drawing



Wiring diagram

