

**SAI-Y-5S M12/M12 2BO**

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

[www.weidmueller.com](http://www.weidmueller.com)

**General ordering data**

Version	Y connector, M12 / M12
Order No.	<a href="#">1881710000</a>
Type	SAI-Y-5S M12/M12 2BO
GTIN (EAN)	4032248484522
Qty.	1 pc(s).

Creation date June 13, 2025 2:18:42 AM CEST

Catalogue status 07.06.2025 / We reserve the right to make technical changes.

## SAI-Y-5S M12/M12 2B0

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## Technical data

### Dimensions and weights

Net weight 49 g

### 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

### 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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**Technical data**

**Approvals**

Approvals



Approvals MAMID [https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319222/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/) [https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319260/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/)

ROHS Conform

**Downloads**

Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">Technical change to Y-distributor (1881710000 - SAI-Y-5S M12/M12 2BO)</a> <a href="#">Technische Änderung für Y-Verteiler (1881710000 - SAI-Y-5S M12/M12 2BO)</a> <a href="#">Technische Änderung für Y-Verteiler (1881710000 - SAI-Y-5S M12/M12 2BO)</a> <a href="#">Technical change to Y-distributor (1881710000 - SAI-Y-5S M12/M12 2BO)</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

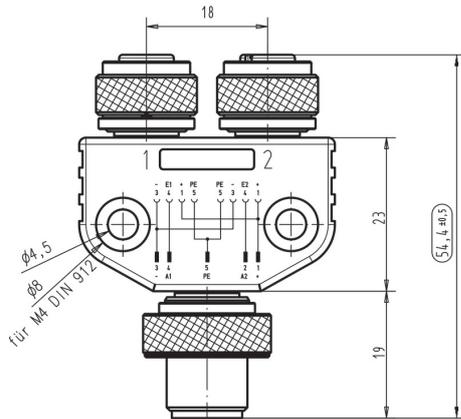
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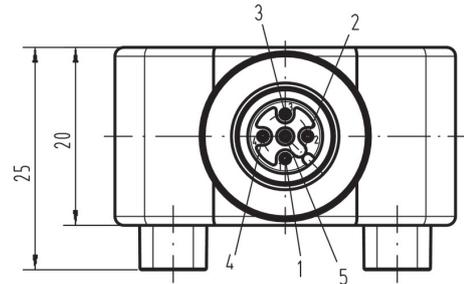
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**Drawings**

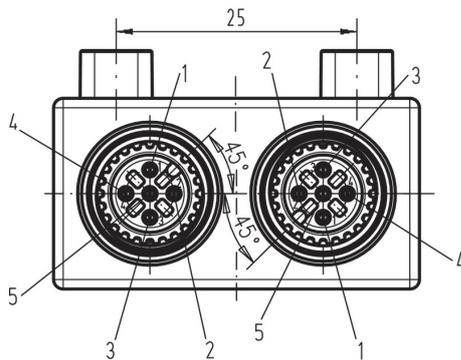
**Dimensioned drawing**



**Dimensioned drawing**



**Dimensioned drawing**



**Wiring diagram**

