

SAC-5P-M12Y/2XM12FS VP S21

Order No.: 1514029

The illustration shows the green standard version



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1514029>

Y-distributor, 5-pos., straight M12 plug on 2 x straight M12 socket,
parallel distributor, inner gauge of 21 mm

Commercial data

GTIN (EAN)	 4 017918 943509
sales group	D116
Pack	5 pcs.
Customs tariff	85444290
Catalog page information	Page 161 (PC-2011)

Product notes

WEEE/RoHS-compliant since:
11/11/2011



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Technical data

General data

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Volume resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ

Ambient temperature (operation)	-25 °C ... 90 °C (Male connector / female connector)
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General characteristics

Standards/regulations	M12 connector IEC 61076-2-101
Coding	A - standard
Center distance	21 mm
Surge voltage category	II
Pollution degree	3
Degree of protection	IP65/IP68/IP69K
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 connector)
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material of grip body	TPU, hardly inflammable, self-extinguishing
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR
Status display	No

Accessories

Item	Designation	Description
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Protection and sealing elements

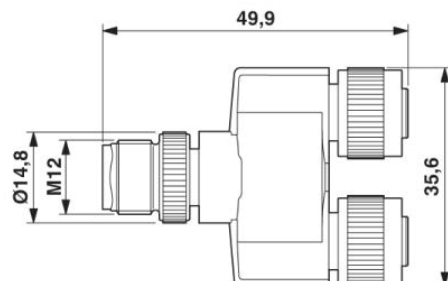
1680539	PROT-M12	An M12 screw plug for the unoccupied M12 sockets of the sensor/ actuator cable, boxes and flush-type connectors
1560251	PROT-M12 FS	M12 sealing cap for unoccupied M12 connectors of the sensor/ actuator cable, flush-type connectors and I/O devices in the field

Tools

1208432	SAC BIT M12-D15	Nut for assembling sensor/actuator cables with M12 connector and for M12 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive
1208429	TSD 04 SAC	Torque screwdriver, with preset torque of 0.4 Nm and 4 mm hexagonal drive for M12 connectors

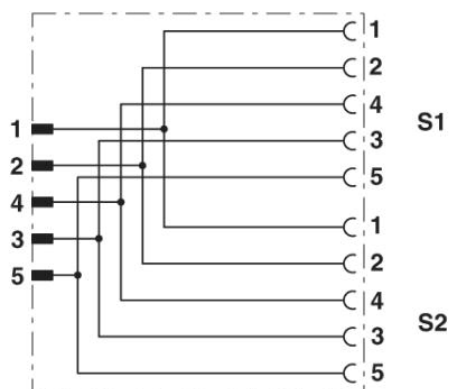
Diagrams/Drawings

Dimensioned drawing



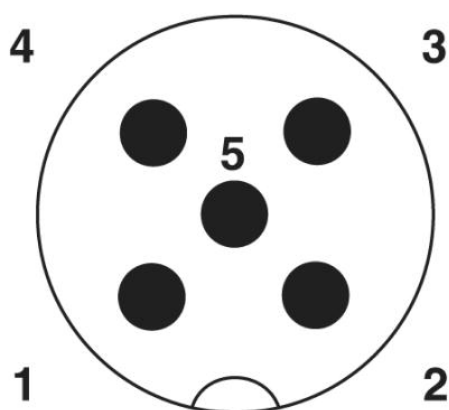
Connector M12 x 1, Y distributor, inner gauge of 21 mm

Circuit diagram

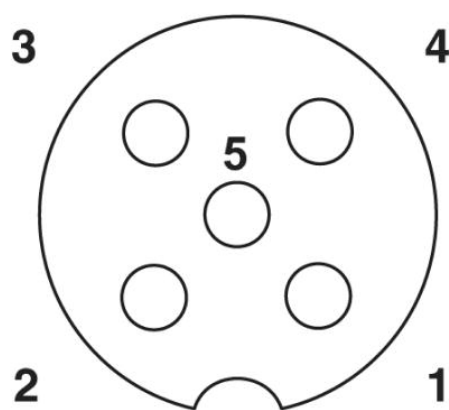


Contact assignment of the M12 Y-distributor

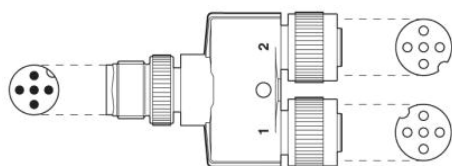
Schematic diagram



Pin assignment M12 male connector, 5-pos., A-coded, male side



Pin assignment M12 socket, 5-pos., A-coded, socket side view



Layout of connector pin assignments

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