Extract from the online catalog

SAC-5P-M12T/2XM12 VP

Order No.: 1541186



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1541186

T distributor, 5-position, Plug, straight M12, A-coded, on Socket, straight M12, A-coded and Socket, straight M12, A-coded

Commercial data	
GTIN (EAN)	4 046356 083751
sales group	D116
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 105 (PC-2009)

Product notes

WEEE/RoHS-compliant since: 08/28/2008

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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	≥ 10 GΩ
Ambient temperature (operation)	-25 °C ... 90 °C

General characteristics

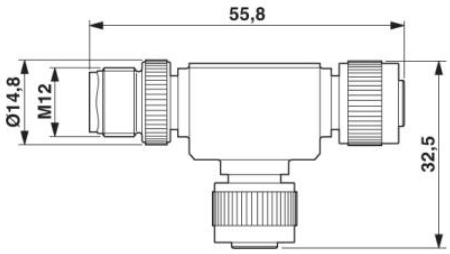
Standards/regulations	M12 connector IEC 61076-2-101
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP65/IP67
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material of grip body	TPU, hardly inflammable, self-extinguishing
Material, knurls	Zinc die-cast, (nickel-plated)
Sealing material	NBR
Status display	No
Test voltage	1500 V

Accessories

Item	Designation	Description
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

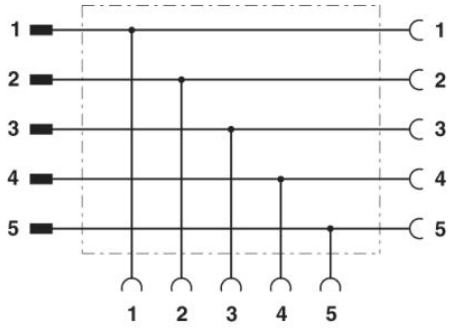
Diagrams/Drawings

Dimensioned drawing



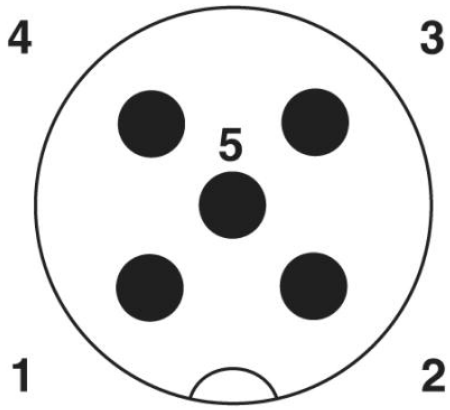
M12 plug x 1, T distributor

Circuit diagram

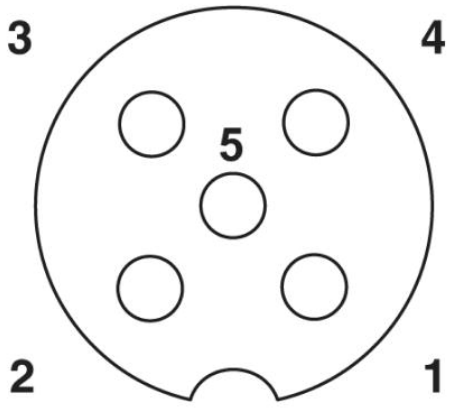


Contact assignment of the M12 Y-distributor

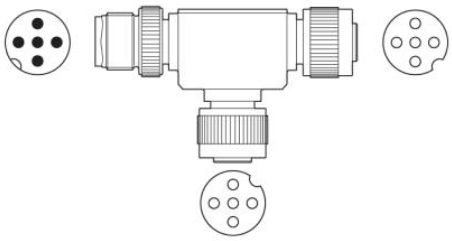
Schematic diagram



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

Address

PHOENIX CONTACT Deutschland GmbH
Flachsmarktstr. 8
32825 Blomberg,Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
http://www.phoenixcontact.de

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