


## SAC-5P-M12T/2XM12 VP

Order No.: 1541186

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1541186>T distributor, 5-position, Socket, straightLink:M12, A-coded, on Plug,  
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 161 (PC-2011)

### Product notes

WEEE/RoHS-compliant since:  
08/27/2008

<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

### 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 (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
Test voltage	1500 V

### Accessories

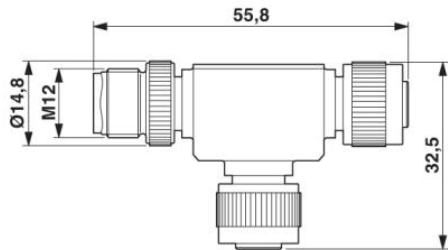
Item	Designation	Description
<b>Protection and sealing elements</b>		
1680539	PROT-M12	An M12 screw plug for the unoccupied M12 sockets of the sensor/ actuator cable, boxes and flush-type connectors
1560251	PROT-M12 FS	M12 sealing cap for unoccupied M12 connectors of the sensor/ actuator cable, flush-type 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

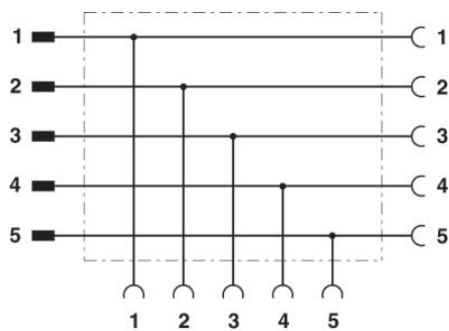
**Diagrams/Drawings**

Dimensioned drawing



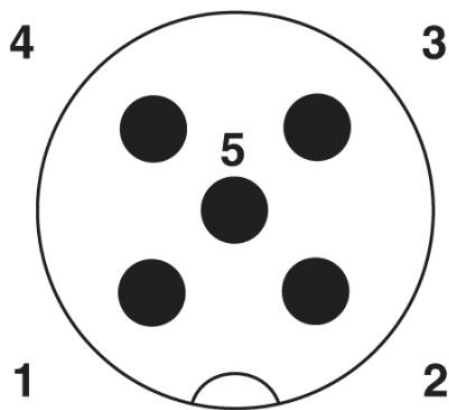
M12 T-distributor

Circuit diagram

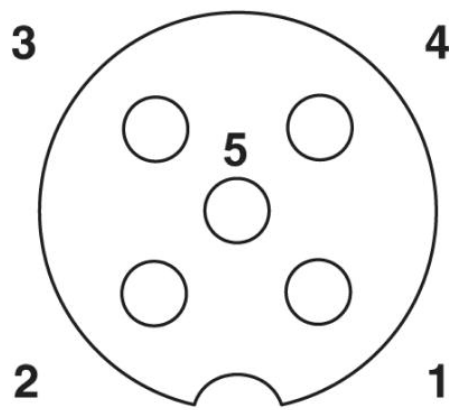


Contact assignment of the M12 T distributor

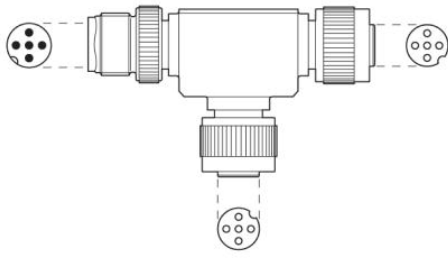
Schematic diagram



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 Inc., USA  
586 Fulling Mill Road  
Middletown, PA 17057, USA  
Phone (800) 888-7388  
Fax (717) 944-1625  
<http://www.phoenixcon.com>



© 2011 Phoenix Contact  
Technical modifications reserved;