



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## SAC-M12T/2XM12 PB DP

Order No.: 1507780



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1507780>

Bus system T-connector, 5-pos., PROFIBUS, M12 plug, B-coded, to  
M12 plug, B-coded, and M12 socket, B-coded



CANopen

### Commercial data

GTIN (EAN)	 4 017918 900380
sales group	D116
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 296 (PC-2009)

### Product notes

WEEE/RoHS-compliant since:  
06/15/2006



<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

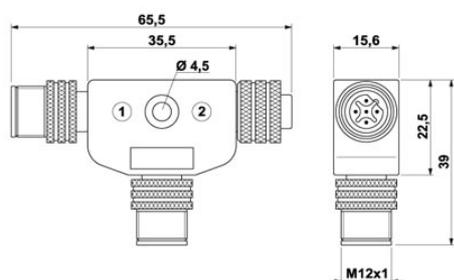
Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Volume resistance	≤ 5 mΩ
Insulation resistance	≥ 1 GΩ

**General characteristics**

Coding	B - inverse
Surge voltage category	II
Pollution degree	3
Degree of protection	IP68
Insertion/withdrawal cycles	≥ 100
Contact material	Cu alloy
Contact surface material	Ni/Au
Contact carrier material	PUR
Material of grip body	PUR
Material, knurls	Nickel-plated brass
Sealing material	Viton
Status display	No
Test voltage	1500 V

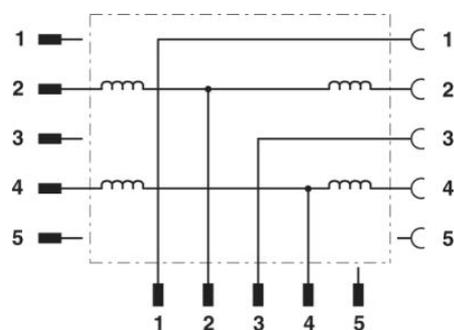
**Diagrams/Drawings**

Dimensioned drawing



M12 T distributor

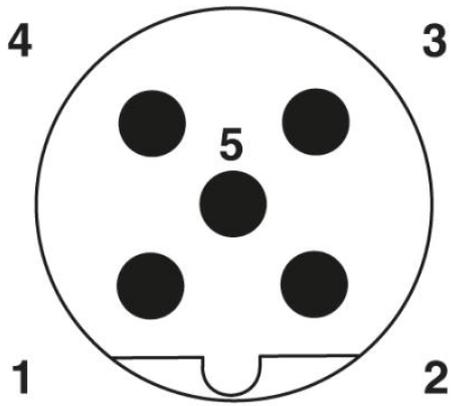
Circuit diagram



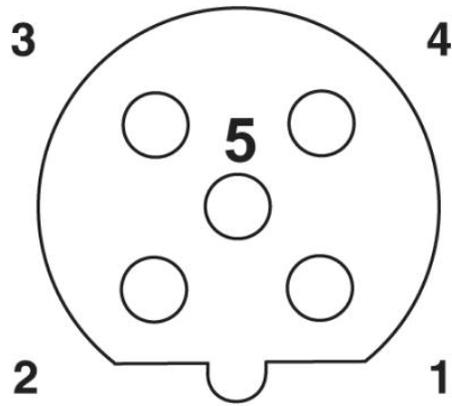
Contact assignment of the M12 plug and the M12 socket

Schematic diagram

---



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



Pin assignment M12 female connector, 5-pos., B-coded, female side

**Address**

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



© 2010 Phoenix Contact  
Technical modifications reserved;