

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 at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

## ► Extract from the online catalog



Bus system cable, ETHERNET, 4-pos., PUR blue halogen-free, shielded, straight connector M12 D-coded on straight connector M12 D-coded, length: 5 m

|                          |                               |
|--------------------------|-------------------------------|
| Order No.                | 1524051                       |
| Ord designation          | SAC-4P-M12MSD/ 5,0-930/M12MSD |
| EAN                      | 4017918969028                 |
| Pack                     | 1 Pcs.                        |
| Customs tariff           | 85444290                      |
| Weight/Piece             | 0.331 KG                      |
| Catalog page information | Page 182 (AX-2007)            |

## ► Product notes

WEEE/RoHS-compliant since: 12/01/2005



**IMPORTANT :** This date is valid for Customers in Germany only. Date Format is MM/DD/YYYY. Please contact your local in-country Phoenix Contact location or designated business partner for a Logistics Compliant date in your area. In order to guarantee delivery of RoHS-Compliant product, please purchase Phoenix Contact parts from authorized Phoenix Contact representatives and distributors.



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▶ **Technical data**

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**General data**

|                                 |   |
|---------------------------------|---|
| Nominal current $I_N$           | 4 A   |
| Nominal voltage $U_N$           | 60 V  |
| Number of positions             | 4   |
| Volume resistance               | $\leq 5 \text{ m}\Omega$                      |
| Ambient temperature (operation) | -25 °C ... 90 °C (plug/socket)                |
| Ambient temperature (operation) | -20 °C ... 70 °C (cable, fixed installation)  |
| Ambient temperature (operation) | 0 °C ... 50 °C (cable, flexible installation) |

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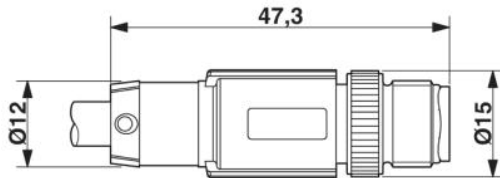
**General characteristics**

|   |  |
|---|--|
| Keying                                  | D - data                                     |
| Transmission characteristics (category) | CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001) |
| Fixed cable length                      | 5 m  |
| Cable type                              | Ethernet                                     |
| Inflammability class acc. to UL 94      | V0   |
| Surge voltage category                  | II   |
| Contamination class                     | 3  |
| Degree of protection                    | IP65/IP67/IP69K                              |
| Material of contact                     | CuSn   |
| Material of contact surface             | Ni/Au  |
| Contact carrier material                | PA 66  |
| Material of grip body                   | TPU, hardly inflammable, self-extinguishing  |
| Material, knurls                        | Zinc die-cast, (nickel-plated)               |
| Single wire, color                      | White-green, white-orange                    |
| Conductor cross section                 | $0.22 \text{ mm}^2$                          |
| Volume resistance                       | $\leq 5 \text{ m}\Omega$                     |
| Insulation resistance                   | $\geq 100 \text{ M}\Omega$                   |

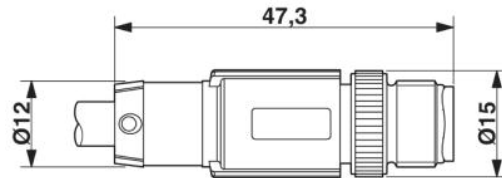
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## ▸ Drawings

### Dimensioned drawing

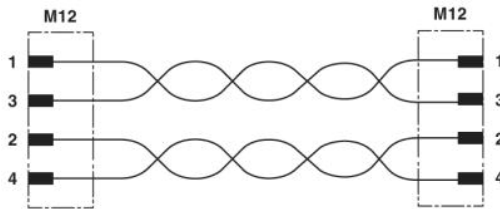


M12 x 1 male connector, straight, shielded

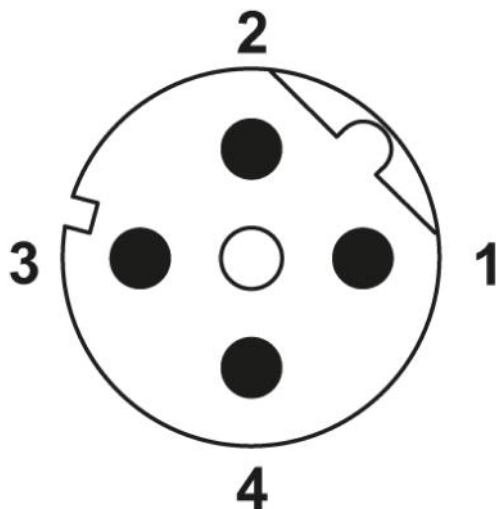


M12 x 1 male connector, straight, shielded

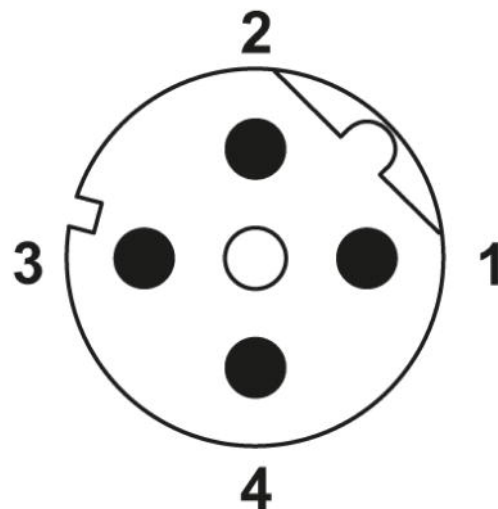
### Circuit diagram



### Schematic diagram



Pin assignment M12 male connector, 4-pos., D-coded, male side



Pin assignment M12 male connector, 4-pos., D-coded, male side

### Logo

# Ethernet

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## ► Address

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