


## SAC-4P- 3,0-PUR/M12FSB

Order No.: 1548260

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1548260>

Sensor/Actuator cable, 4-position, PUR, Black-gray RAL 7021, Free conductor end, on Socket, straight M12, B-coded, Cable length: 3 m

### Commercial data

GTIN (EAN)	 4 046356 139205
Note	Made-to-order
sales group	D111
Pack	5 pcs.
Customs tariff	85444290

### Product notes

WEEE/RoHS-compliant since:  
03/27/2007

<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	250 V
Number of positions	4
Volume resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ
Length of cable	3 m
Stripping length of the free conductor end	50 mm

#### General characteristics

Coding	B - inverse
Surge voltage category	II
Pollution degree	3
Degree of protection	IP65/IP68/IP69K
Insertion/withdrawal cycles	≥ 100
Contact material	CuSn
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

#### Conductor data

Cable type	PUR halogen-free black
Cable abbreviation	Li9Y11Y-HF
Conductor cross section	0.34 mm <sup>2</sup>
AWG signal line	22
Conductor structure signal line	42x 0.10 mm
Core diameter including insulation	1.27 mm ±0.02 mm
Thickness, insulation	Approx. 0.21 mm (Core insulation) Approx. 0.8 mm (Outer cable sheath)
External cable diameter	4.70 mm
Wire colors	Black, brown, blue, white
External sheath, color	Black-gray RAL 7021
Insulation resistance	≥ 100 MΩ*km
Conductor resistance	≤ 58 Ω/km
Nominal voltage, conductor	300 V
Test voltage, conductor	3000 V
Overall twist	4 wires, twisted
Outer sheath, material	PUR
Material conductor insulation	PP
Conductor material	Bare Cu litz wires
Cable weight	30 kg/km
Smallest bending radius, movable installation	47 mm

Number of bending cycles	4000000
Bending radius	47 mm
Traversing path	10 m
Traversing rate	3 m/s

**Certificates / Approvals**

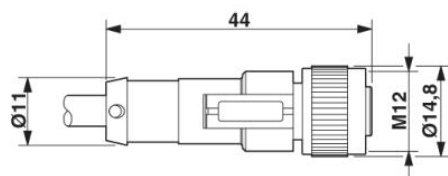


Certification

CUL Listed, UL Listed

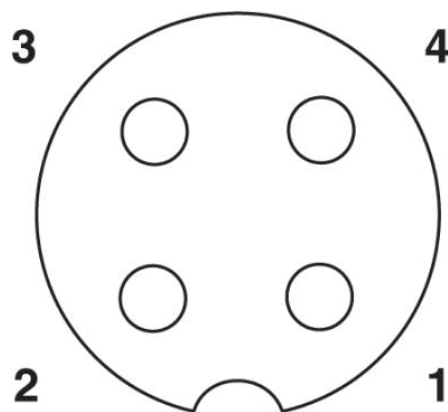
**Diagrams/Drawings**

Dimensioned drawing



M12 x 1 female connector, straight

Schematic diagram



Pin assignment M12 socket, 4-pos., A-coded, view 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>



© 2011 Phoenix Contact  
Technical modifications reserved;