

SAC-3P-M12MS/5,0-PVC


Order No.: 1693173



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1693173>

Sensor/Actuator cable, 3-position, PVC, Black RAL 9005, Plug, straightLink:M12, A-coded, on Free conductor end, Cable length: 5 m

Commercial data

GTIN (EAN)	
sales group	D110
Pack	1 pcs.
Customs tariff	85444290

Product notes

WEEE/RoHS-compliant since:
08/01/2005



<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	3
Volume resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ

Length of cable	5 m
Stripping length of the free conductor end	50 mm

General characteristics

Coding	A - standard
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
Status display	No

Conductor data

Cable type	PVC black
Cable type (abbreviation)	PVC
Cable abbreviation	LiYY
Conductor cross section	0.34 mm ²
AWG signal line	22
Conductor structure signal line	42x 0.10 mm
Core diameter including insulation	1.45 mm ±0.02 mm
Thickness, insulation	≥ 0.23 mm (Core insulation) ≥ 0.76 mm (Outer cable sheath)
External cable diameter	5.2 mm ± 0.2 mm
Wire colors	Brown, blue, black
External sheath, color	Black RAL 9005
Insulation resistance	≥ 100 MΩ*km (at 20°C)
Conductor resistance	max. 58 Ω/km (at 20°C)
Nominal voltage, conductor	≤ 300 V
Test voltage, conductor	≥ 3000 V
Overall twist	3 wires, twisted
Outer sheath, material	PVC
Material conductor insulation	PVC

Conductor material	Bare Cu litz wires
Cable weight	40 kg/km
Ambient temperature (operation)	-25 °C ... 80 °C (cable, fixed installation) -5 °C ... 80 °C (cable, flexible installation)
Flame resistance	As per UL-Style 2464

Certificates / Approvals

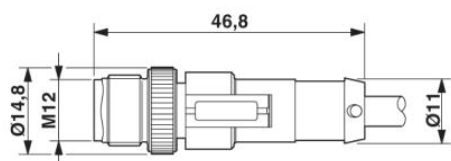


Certification

CUL Listed, UL Listed

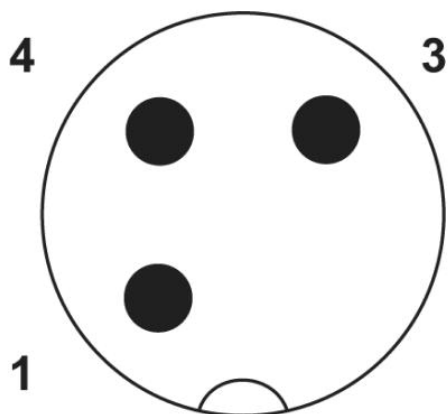
Diagrams/Drawings

Dimensioned drawing



M12 x 1 male connector, straight

Schematic diagram



Pin assignment M12 plug, 3-pos., A-coded, view male side

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;