

SAC-3P-M 8MS/ 5,0-PUR SH

Order No.: 1521630

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1521630>

Sensor/actuator cable, 3-pos., PUR halogen-free black, shielded,
straight M8 plug on free conductor end, cable length: 5 m

Commercial data

EAN	4017918968656
Pack	1 pcs.
Customs tariff	85444290
Weight/Piece	0.1803 KG
Catalog page information	Page 79 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
02/09/2007



<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

Nominal current I_N	4 A
Nominal voltage U_N	60 V
Number of positions	3
Volume resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$

Length of cable	5 m
Ambient temperature (operation)	-25 °C ... 90 °C (plug/socket)
	-25 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 80 °C (cable, flexible installation)

General characteristics

Coding	A - standard
Inflammability class acc. to UL 94	HB
Surge voltage category	II
Pollution degree	3
Degree of protection	IP65/IP67/IP69K
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

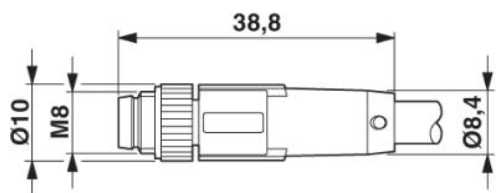
Conductor data

Cable type	PUR halogen-free black shielded
Conductor cross section	0.25 mm ²
AWG signal line	24
Conductor structure, signal line	32 x 0.10 mm
Core diameter including insulation	1.17 mm ±0.02 mm
External cable diameter	5.00 mm
Wire colors	Brown, blue, black
External sheath, color	Black-gray RAL 7021
Outer sheath, material	PUR
Conductor material	Bare Cu litz wires
Cable weight	33 kg/km
Smallest bending radius, fixed installation	50 mm
Smallest bending radius, movable installation	50 mm
Number of bending cycles	4000000
Bending radius	50 mm
Traversing path	10 m
Traversing rate	3 m/s

Acceleration	10 m/s ²
Special properties	Flexible cable conduit capable Silicone-free
	Free of substances which would hinder coating with paint or varnish
Flame resistance	As per UL-Style 20549
Freedom from halogen	As per DIN VDE 0472 part 815
Resistance to oil	complying with DIN EN 60811-2-1
Other resistance	Highly resistant to acids, alkaline solutions and solvents hydrolysis and microbe resistant

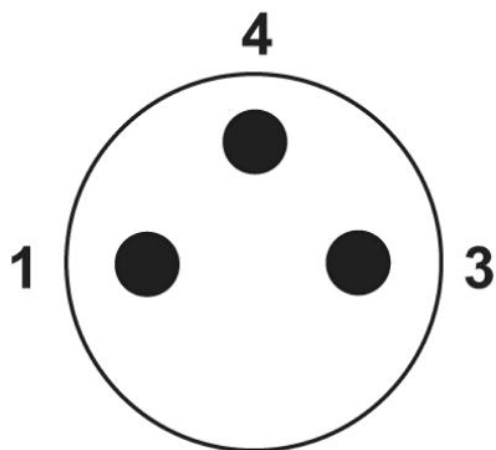
Drawings

Dimensioned drawing



Plug M8 x 1, straight, shielded

Schematic diagram



Pin assignment M8 plug, 3-pos., view male side

Address

PHOENIX CONTACT GmbH & Co. KG
Flachmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 00
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>



© 2009 Phoenix Contact
Technical modifications reserved;