INDUSTRIAL COMPONENT DATA

SAC-4P-M 8MS/50,0-PUR/M 8FS SH 1091166 PHOENIX CONTACT Sensor/actuator cable, 4-position, PUR halogen-free, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M 8MS/50,0-PUR/M 8FS SH

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M 8MS/50,0-PUR/M 8FS SH
Catalog number	1091166
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-89E0E99BA8
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 4-position, PUR halogen-free, black-gray RAL 7021, shielded, Plug straight M8, on Socket straight M8, cable length: 50 m
Sensor/actuator cable, 4-pole, halogen-free PUR, greyish black RAL 7021, shielded, M8 straight male connector, to M8 straight connection female, cable length: 50 m

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Industrial Field Connectivity (IFC)

Additional Product Information

Technical dataProduct propertiesProduct type Sensor/actuator cable
Number of positions 4
Shielded yes
ConnectorConnection 1
Type Plug straight M8
Number of positions 4
Connection 2
Type Socket straight M8
Number of positions 4
Cable/lineCable length 50 m

PUR halogen-free black [PUR]
Dimensional drawing
Cable weight 31 kg/km
UL AWM Style 20549
Number of positions 4
Shielded yes
Cable type PUR halogen-free black [PUR]
Conductor structure signal line 32x 0.10 mm
AWG signal line 24
Conductor cross section 4x 0.25 mm² (Signal line)
Wire diameter incl. insulation 1.17 mm ±0.02 mm (Signal line)
External cable diameter 4.70 mm ±0.15 mm
Outer sheath, material PUR
External sheath, color black-gray RAL 7021
Conductor material Bare Cu litz wires
Material wire insulation PP
Single wire, color brown, white, blue, black
Thickness, insulation >= 0.21 mm (Core insulation)
approx. 0.50 mm (Outer cable sheath)
Overall twist 4 wires, twisted
Optical shield covering 80 %
Max. conductor resistance max. 78 ?/km (at 20 °C)
Insulation resistance >= 100 G?*km (at 20 °C)
Nominal voltage, cable <= 300 V
Test voltage >= 3000 V
Smallest bending radius, fixed installation 24 mm
Smallest bending radius, movable installation 48 mm
Dynamic load capacity (bending) Max. bending cycles: 10000000, Bending radius: 48 mm, Traversing path: 10 m, Traversing rate: 3 m/s, Acceleration: 10 m/s²
Halogen-free in accordance with DIN VDE 0472 part 815
Flame resistance in accordance with UL 758/1581 FT2
DIN EN 60332-2-2 (20 s)....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M 8MS/50,0-PUR/M 8FS SH with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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