INDUSTRIAL COMPONENT DATA

SAC-4P-M8MRC2/0,6-PUR/M12FR SH 1420014 PHOENIX CONTACT Sensor/actuator cable SAC-4P-M8MRC4/0,6-PUR/M12FR SH ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M8MRC4/0,6-PUR/M12FR SH

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M8MRC4/0,6-PUR/M12FR SH
Catalog number	1420014
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-10F0C2780A
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-4P-M8MRC4/0,6-PUR/M12FR SH - 1420014
Sensor/actuator cable, halogen-free PUR, greyish black RAL 7021, shielded

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

Sensor/actuator cable, PUR halogen-free, black-gray RAL 7021, shielded
Key Commercial Data
Orderkey 1420014
Packing unit 1
GTIN 4055626244136
Custom tariff number 85444290
General
Rated voltage 48 V AC
60 V DC
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR

Cable abbreviation LiF9YC11Y
UL AWM style 20549
Conductor cross section 4x 0.25 mm² (Signal line)
AWG signal line 24
Conductor structure signal line 32x 0.10 mm
Core diameter including insulation 1.17 mm ±0.02 mm (Signal line)
Thickness, insulation >= 0.21 mm (Core insulation)
approx. 0.5 mm (Outer cable sheath)
Wire colors brown, white, blue, black
Overall twist 4 wires, twisted
Shielding Braided copper wires
Optical shield covering 80 %
External sheath, color black-gray RAL 7021
External cable diameter D 4.7 mm ±0.15 mm
Smallest bending radius, fixed installation 24 mm
Smallest bending radius, movable installation 48 mm
Number of bending cycles 10000000
Bending radius 48 mm
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 10 m/s²
Cable weight 31 kg/km
Outer sheath, material PUR
Material conductor insulation PP
Conductor material Bare Cu litz wires
Insulation resistance >= 100 G?*km (at 20 °C)
Conductor resistance max. 78 ?/km (at 20 °C)
Nominal voltage, cable <= 300 V
Test voltage, cable >= 3000 V
Special properties Flexible cable conduit capable
Silicone-free
Free of substances which would hinder coating with paint or varnish
Flame resistance in accordance with UL 758/1581 FT2
DIN EN 60332-2-2....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M8MRC4/0,6-PUR/M12FR 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.