INDUSTRIAL COMPONENT DATA

SAC-3P-M 8MS/4,0-PUR/4P-M12FR 1423172 PHOENIX CONTACT Sensor/actuator cable SAC-3P-M 8MS/4,0-PUR/4P-M12FR 14..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M 8MS/4,0-PUR/4P-M12FR

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M 8MS/4,0-PUR/4P-M12FR
Catalog number	1423172
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-7935680B71
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-3P-M 8MS/4,0-PUR/4P-M12FR - 1423172
Sensor/actuator cable, halogen-free PUR, greyish black RAL 7021, M8 straight connector, to M12 straight female

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
Key Commercial Data
Orderkey 1423172
Packing unit 1
GTIN 4055626326634
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 Li9Y11Y-HF
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
External sheath, color black-gray RAL 7021
External cable diameter D 3.95 mm ±0.15 mm
Smallest bending radius, fixed installation 20 mm
Smallest bending radius, movable installation 40 mm
Number of bending cycles 10000000
Bending radius 44 mm
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 5 m/s²
Cable weight 23 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 (20 s)
Halogen-free in accordance with DIN VDE 0472 part 815
Resistance to oil in accord...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M 8MS/4,0-PUR/4P-M12FR 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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