INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/ 3,0-PUR/M12FS BK 1412935 PHOENIX CONTACT Sensor/actuator cable SAC-4P-M12MS/ 3,0-PUR/M12FS BK ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/ 3,0-PUR/M12FS BK

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/ 3,0-PUR/M12FS BK
Catalog number	1412935
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-B5635C9773
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-4P-M12MS/ 3,0-PUR/M12FS BK - 1412935
Sensor/actuator cable, halogen-free PUR, greyish black RAL 7021

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 1412935
Packing unit 1
GTIN 4046356978194
Custom tariff number 85444290
Ambient conditions
Degree of protection IP65
IP67
General
Rated current at 40°C 4 A
Rated voltage 250 V AC

250 V DC
Overvoltage category II
Degree of pollution 3
Torque 0.4 Nm
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation Li9Y11Y-HF
UL AWM style 20549 / 10493 (80°C/300 V)
Conductor cross section 4x 0.34 mm²
AWG signal line 22
Conductor structure signal line 42x 0.10 mm
Core diameter including insulation 1.27 mm ±0.02 mm
Thickness, insulation >= 0.21 mm
Wire colors brown, white, blue, black
Overall twist 4 wires, twisted
External sheath, color black-gray RAL 7021
Outer sheath thickness approx. 0.5 mm
External cable diameter D 4.2 mm ±0.15 mm
Minimum bending radius, fixed installation 5 x D
Minimum bending radius, flexible installation 10 x D
Number of bending cycles 10000000
Minimum bending radius, drag chain applications 10 x D
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 10 m/s²
Cable weight 30 kg/km
Outer sheath, material PUR
Material conductor insulation PP
Conductor material Bare Cu litz wires
Insulation resistance >= 1 G?*km
Conductor resistance <= 58 ?/km
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
flexible
Flame r...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/ 3,0-PUR/M12FS BK 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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