INDUSTRIAL COMPONENT DATA

SAC-3P-M12MS/3-PUR/M12FS D-KS 1416342 PHOENIX CONTACT Sensor/actuator cable SAC-3P-M12MS/3-PUR/M12FS D-KS 14..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/3-PUR/M12FS D-KS

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MS/3-PUR/M12FS D-KS
Catalog number	1416342
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-8040F8BB10
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-3P-M12MS/3-PUR/M12FS D-KS - 1416342
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 1416342
Packing unit 1
GTIN 4055626071138
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
UL AWM style 20549
Conductor cross section 3x 0.34 mm² (Signal line)
AWG signal line 22
Conductor structure signal line 42x 0.10 mm
Core diameter including insulation 1.27 mm ±0.02 mm (Signal line)
Thickness, insulation >= 0.21 mm (Core insulation)
approx. 0.5 mm (Outer cable sheath)
Wire colors brown, blue, black
Overall twist 3 wires, twisted
External sheath, color black-gray RAL 7021
External cable diameter D 3.85 mm ±0.15 mm
Smallest bending radius, fixed installation 19 mm
Smallest bending radius, movable installation 38 mm
Number of bending cycles 10000000
Bending radius 44 mm
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 10 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. 58 ?/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 res...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/3-PUR/M12FS D-KS 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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