INDUSTRIAL COMPONENT DATA

SAC-3P-M12Y/1,4/6,2-PUR/M12FR 1417946 PHOENIX CONTACT Sensor/actuator cable SAC-3P-M12Y/1,4/6,2-PUR/M12FR 14..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12Y/1,4/6,2-PUR/M12FR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12Y/1,4/6,2-PUR/M12FR
Catalog number	1417946
Category	Sensor-actuator patch cord
Minimum order	250 Pcs
Document ID	EO-CD421D47A6
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-3P-M12Y/1,4/6,2-PUR/M12FR - 1417946
Sensor/actuator cable, 3-pole, halogen-free PUR, greyish black RAL 7021, Straight connector M12, to Elbowed Female M12

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, 3-position, PUR halogen-free, black-gray RAL 7021
Key Commercial Data
Orderkey 1417946
Packing unit 1
GTIN 4055626129433
Custom tariff number 85444290
General
Rated current at 40°C 4 A
Rated voltage 48 V AC
60 V DC
Number of positions 3

Coding A - standard
Status display No
Overvoltage category II
Degree of pollution 3
Material
Flammability rating according to UL 94 HB
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material of grip body TPU, hardly inflammable, self-extinguishing
Material, knurls Zinc die-cast, nickel-plated
Sealing material NBR
Standards and Regulations
Flammability rating according to UL 94 HB
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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12Y/1,4/6,2-PUR/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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