INDUSTRIAL COMPONENT DATA

SAC-3P-M12Y/2X0,6-PUR/M12FR 1417944 PHOENIX CONTACT Sensor/actuator cable SAC-3P-M12Y/2X0,6-PUR/M12FR 1417944

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12Y/2X0,6-PUR/M12FR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12Y/2X0,6-PUR/M12FR
Catalog number	1417944
Category	Sensor-actuator patch cord
Minimum order	125 Pcs
Document ID	EO-46F253AC45
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-3P-M12Y/2X0,6-PUR/M12FR - 1417944
Sensor/actuator cable, 3-pole, halogen-free PUR, greyish black RAL 7021, Straight connector M12, to Angled female M12, cable length: 0.6 m

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, cable length: 0.6 m
Key Commercial Data
Orderkey 1417944
Packing unit 1
GTIN 4055626129419
Custom tariff number 85444290
Dimensions
Length of cable 0.6 m
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 2...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12Y/2X0,6-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

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.