INDUSTRIAL COMPONENT DATA

SAC-3P-10,0-280/M12FRB OBS 1410271 PHOENIX CONTACT Sensor/actuator cable SAC-3P-10,0-280/M12FRB OBS 1410271

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-10,0-280/M12FRB OBS

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-10,0-280/M12FRB OBS
Catalog number	1410271
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-C35689B280
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-3P-10,0-280/M12FRB OBS - 1410271
Sensor/actuator cable, 3-pole, halogen-free PUR, grey RAL 7001, free cable end, to Elbow connection female M12, coding: B, cable length: 10 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, gray RAL 7001, free cable end, on Socket angled M12, B-coded, cable length: 10 m
Key Commercial Data
Orderkey 1410271
Packing unit 1
GTIN 4046356893213
Custom tariff number 85444290
Dimensions
Length of cable 10 m
Ambient conditions
Degree of protection IP65
IP67
General

Rated current at 40°C 4 A
Rated voltage 250 V AC
250 V DC
Number of positions 3
Insulation resistance >= 100 M?
Coding B-coded
Standards/regulations M12 connector IEC 61076-2-101
Status display No
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles >= 100
Torque 0.4 Nm
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
Standards and Regulations
Standard designation M12 connector
Standards/regulations IEC 61076-2-101
Halogen-free in accordance with DIN VDE 0472 part 815
Flammability rating according to UL 94 HB
Cable
Cable type PUR halogen-free gray
Cable type (abbreviation) 280
Cable abbreviation Li9Y11Y
UL AWM style 20549
Conductor cross section 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 (Core insulation)
approx. 0.8 mm (Outer cable sheath)
Wire colors brown, blue, black
Overall twist 3 wires, twisted
External sheath, color gray RAL....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-10,0-280/M12FRB OBS 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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