INDUSTRIAL COMPONENT DATA

SAC-3P-M12MS/ 1,0-150/M12FR-2L 1546576 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/ 1,0-150/M12FR-2L



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MS/ 1,0-150/M12FR-2L
Catalog number	1546576
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-66DE9FD557
Generated	2026-11-19

Product Overview

Sensor/actuator cable
Sensor/actuator cable, 3-pole, halogen-free PUR, irradiation-cross-linked, orange RAL 2003, Straight M12 connector, coding: A, with 2 LEDs, to Elbowed Female M12, coding: A, with 2 LEDs, cable length: 1 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

Key Commercial Data
Orderkey 1546576
Packing unit 1 pc
Note Made to Order (non-returnable)
GTIN 4046356128711
Weight per Piece (excluding packing) 44.900 g
Custom tariff number 85444290
Country of origin PL (Poland)
Dimensions
Length of cable 1 m
Ambient conditions
Degree of protection IP65
IP67

IP68
General
Rated current at 40°C 4 A
Rated voltage 24 V
24 V DC
Number of positions 3
Insulation resistance >= 100 M?
Coding A - standard
Status display 2 LEDs
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles >= 100
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 irradiated halogen-free orange
Cable type (abbreviation) 150
Cable abbreviation D12YSL11X-OB
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 1.05 mm ±0.05 mm (Signal line)
Wire colors brown, blue, black
Overall twist 3 wires, twisted
External sheath, color orange RAL 2003
External cable diameter D 4.4 mm ±0.2 mm
Smallest bending radius, fixed installation 13.5 mm
Smallest bending radius, movable installation 53 mm
Number of bending cycles 5000000
Bending radius 44 mm
Traversing path 10 m
Traversing...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/ 1,0-150/M12FR-2L 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.