INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/ 3,0-150/M12FS 1546657 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/ 3,0-150/M12FS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/ 3,0-150/M12FS
Catalog number	1546657
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-CFFB896F29
Generated	2026-11-19

Product Overview

Sensor/actuator cable
Sensor/actuator cable, 4-pole, halogen-free PUR, irradiation cross-linked, solder splash resistant, orange RAL 2003, M12 straight male connector, encoding: A, a M12 straight connection female, encoding: A, cable length: 3 m
Sensor cable, 4-pole, halogen-free, irradiation-crosslinked, suitable for welding applications, orange RAL 2003, straight male connector M12, encoding: A, on straight female connector M12, encoding: A, cable length: 3 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 1546657
Packing unit 1 pc
GTIN 4046356128803
Weight per Piece (excluding packing) 124.100 g
Custom tariff number 85444290
Country of origin IN (India)
Dimensions
Length of cable 3 m
Ambient conditions
Degree of protection IP65

IP67
IP68
General
Rated current at 40°C 4 A
Rated voltage 250 V AC
250 V DC
Number of positions 4
Insulation resistance >= 100 M?
Coding A - standard
Status display No
Protective circuit/component unwired
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
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 4x 0.34 mm²
AWG signal line 22
Conductor structure signal line 19x 0.15 mm
Core diameter including insulation 1.05 mm ±0.05 mm (Signal line)
Wire colors brown, white, blue, black
Overall twist 4 wires, twisted
Length of twist, overall twist 27 mm
External sheath, color orange RAL 2003
External cable diameter D 5.2 mm ±0.2 mm
Smallest bending radius, fixed installation min. 15 mm
Smallest bending radius, movable installation min. 30 mm
Number of bending cycles 500000...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/ 3,0-150/M12FS 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.