INDUSTRIAL COMPONENT DATA

SAC-5P-M12MR/3,0-600 HD 1404046 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MR/3,0-600 HD



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MR/3,0-600 HD
Catalog number	1404046
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-D518A95CD4
Generated	2026-11-18

Product Overview

Sensor/actuator cable
Sensor/actuator cable, 5-pole, halogen-free PP-EPDM, grey RAL 7035, Angled male connector M12, coding: A, to free cable end, cable length: 3 m, Hygienic design, with stainless steel knurling
Sensor/actuator cable, 5-position, PP-EPDM halogen-free, gray RAL 7035, Plug angled M12, coding: A, on free cable end, cable length: 3 m, Hygienic design, with high-grade steel knurl

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

Technical dataProduct propertiesProduct type Sensor/actuator cable
Application Food processing industry
Number of positions 5
No. of cable outlets 1
Shielded no
Coding A
Insulation characteristics
Overvoltage category II
Degree of pollution 3
Material specificationsMaterial of grip body PP
Contact material CuSn

Contact surface material Ni/Au
Contact carrier material PP
Material for screw connection Stainless steel
Electrical propertiesInsulation resistance >= 100 M?
Nominal voltage UN 48 V AC
60 V DC
Nominal current IN 4 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
SignalingStatus display no
Status display present No
Connection dataConductor connection
Tightening torque 0.4 Nm (M12 connector)
ConnectorConnection 1
Type Plug angled M12
Number of positions 5
Coding type A
Connection 2
Type free cable end
Cable/lineCable length 3 m
Halogen-free PP gray [600]
Dimensional drawing
Cable weight 34 kg/km
Number of positions 5
Shielded no
Cable type Halogen-free PP gray [600]
Conductor structure signal line 42x 0.10 mm
AWG signal line 22
Conductor cross section 5x 0.34 mm² (Signal line)
Wire diameter incl. insulation 1.27 mm ±0.02 mm (Signal line)
External cable diameter 5.00 mm ±0.15 mm
Outer sheath, material PP-EPDM
External sheath, color gray RAL 7035
Conductor material Bare Cu litz wires
Material wire insulation PP
Single wire, color brown, white, blue, black, gray
Thickness, insulation >= 0.21 mm (Core insulation)
Thickness, outer sheath approx. 0.70 mm...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MR/3,0-600 HD 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.