INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/ 0,6-811/M12FS 1099780 PHOENIX CONTACT Sensor/actuator cable, 5-position, PUR halogen-free, wel..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/ 0,6-811/M12FS

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/ 0,6-811/M12FS
Catalog number	1099780
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-B397E377D7
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 5-position, PUR halogen-free, welding sputter-resistant, orange RAL 2003, Plug straight M12, A-coded, on Socket straight M12, A-coded, cable length: 0.6 m
Sensor/actuator cable, 5-pole, halogen-free PUR, solder splash resistant, orange RAL 2003, M12 straight male connector, encoding: A, to M12 straight connection female, encoding: A, 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

Technical dataProduct propertiesProduct type Sensor/actuator cable
Number of positions 5
Insulation characteristics
Overvoltage category II
Degree of pollution 3
Electrical propertiesNominal voltage UN 48 V AC
60 V DC
Nominal current IN 4 A
Connection dataConductor connection
Tightening torque 0.4 Nm
ConnectorConnection 1
Type Plug straight M12

Number of positions 5
Coding type A
Connection 2
Type Socket straight M12
Number of positions 5
Coding type A
Cable/lineCable length 0.6 m
PUR, halogen-free, highly flexible, welding-sputter resistant, orange [811]
UL AWM Style 20549 (80°C/300 V)
Number of positions 5
Shielded no
Cable type PUR, halogen-free, highly flexible, welding-sputter resistant, orange [811]
Conductor structure signal line 42x 0.10 mm
AWG signal line 22
Conductor cross section 5x 0.34 mm²
Wire diameter incl. insulation 1.55 mm ±0.05 mm (Signal line)
External cable diameter 6.90 mm ±0.1 mm
Outer sheath, material PUR
External sheath, color orange RAL 2003
Conductor material Bare Cu litz wires
Material wire insulation PP
Single wire, color brown, white, blue, black, gray
Overall twist 5 wires around filler to the core
Max. conductor resistance approx. 57 ?/km
Insulation resistance >= 20 M?*km
Nominal voltage, cable 300 V (Peak value, not for high-power applications)
Test voltage Core/Core 3000 V (Spark test)
Minimum bending radius, fixed installation 5 x D
Minimum bending radius, flexible installation 10 x D
Smallest bending radius, fixed installation 35 mm
Smalles...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/ 0,6-811/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

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