INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/ 1,0-811/M12FS 1099782 PHOENIX CONTACT Sensor/actuator cable, 5-position, PUR halogen-free, wel..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/ 1,0-811/M12FS

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/ 1,0-811/M12FS
Catalog number	1099782
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-7FE8D34DB5
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: 1 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: 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 1099782
Packing unit 1
GTIN 4055626970240
Custom tariff number 85444290
Dimensions
General
Classifications
Ambient conditions
Cable
Dimensions
Length of cable 1 m

Back to topAmbient conditions
Degree of protection IP65
IP67
IP68
Back to topGeneral
Rated current at 40°C 4 A
Rated voltage 48 V AC
60 V DC
Number of positions 5
Overvoltage category II
Degree of pollution 3
Back to topCable
Cable type PUR, halogen-free, highly flexible, welding-sputter resistant, orange
Cable type (abbreviation) 811
Cable abbreviation LiF9Y11Y
UL AWM style 20549 (80°C/300 V)
Conductor cross section 5x 0.34 mm²
AWG signal line 22
Conductor structure signal line 42x 0.10 mm
Core diameter including insulation 1.55 mm ±0.05 mm (Signal line)
Wire colors Brown, white, blue, black, gray
Overall twist 5 wires around filler to the core
External sheath, color orange RAL 2003
External cable diameter D 6.9 mm ±0.1 mm
Minimum bending radius, fixed installation 5 x D
Minimum bending radius, flexible installation 10 x D
Number of bending cycles 5000000
Minimum bending radius, drag chain applications 10 x D
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 10 m/s²
Outer sheath, material PUR
Material conductor insulation PP
Conductor material Bare Cu litz wires
Insulation resistance >= 20 M?*km
Conductor resistance approx. 57 ?/km
Nominal voltage, cable 300 V (Peak value, not for high-power applications)
Test voltage Core/Core 3000 V (Spark test)
Special properties Sheath resista...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/ 1,0-811/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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