INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/1,5-PUR/M12MSSHBK 1097774 PHOENIX CONTACT Sensor/actuator cable, 5-position, PUR halogen-free, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/1,5-PUR/M12MSSHBK

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/1,5-PUR/M12MSSHBK
Catalog number	1097774
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-7449BAC626
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 5-position, PUR halogen-free, black-gray RAL 7021, shielded, Plug straight M12, A - standard, on Plug straight M12, A - standard, cable length: 1.5 m, Customer version
Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, shielded, M12 straight male connector, coding: A, a M12 straight male connector, coding: A, cable length: 1.5 m, Customer variant
Sensor/actuator cable, 5-position, PUR halogen-free, black-gray RAL 7021, shielded, Plug straight M12, coding: A, on Plug straight M12, coding: A, cable length: 1.5 m, Customer version

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
Shielded yes
ConnectorConnection 1
Type Plug straight M12
Number of positions 5
Coding type A
Connection 2

Type Plug straight M12
Number of positions 5
Coding type A
Cable/lineCable length 1.5 m
PUR halogen-free black [PUR]
Dimensional drawing
Cable weight 43 kg/km
UL AWM Style 20549 / 10493 (80°C/300 V)
Number of positions 5
Shielded yes
Cable type PUR halogen-free black [PUR]
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 5.25 mm ±0.2 mm
Outer sheath, material PUR
External sheath, color black-gray RAL 7021
Conductor material Bare Cu litz wires
Material wire insulation PP
Single wire, color brown, white, blue, black, gray
Thickness, insulation >= 0.21 mm
Thickness, outer sheath approx. 0.50 mm
Overall twist 5 wires around filler to the core
Optical shield covering 80 %
Max. conductor resistance max. 57 ?/km (at 20 °C)
Insulation resistance 70 G?*km (at 20 °C)
Nominal voltage, cable 300 V (at 20 °C)
Test voltage Core/Core 3000 V (at 20 °C)
Smallest bending radius, fixed installation 26 mm
Smallest bending radius, movable installation 52 mm (up to +60 °C)
Dynamic load capacity (bending) Max. bending cycles: 10000000, Bending radius: 52 mm, Traversing path: 10 m, Traversing rate: 3 m/s, Acceleration: 10 m/s²
Halogen-free in accordance with D...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/1,5-PUR/M12MSSHBK 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.