INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/5,0-PUR/M12FS VA 1050804 PHOENIX CONTACT Sensor/actuator cable SAC-5P-M12MS/5,0-PUR/M12FS VA 10..

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

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/5,0-PUR/M12FS VA
Catalog number	1050804
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-B0E1216B8F
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-5P-M12MS/5,0-PUR/M12FS VA - 1050804
Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, Straight male connector M12, coding: A, to Straight connection female M12, coding: A, cable length: 5 m, Stainless steel knurling
Sensor/actuator cable, 5-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, coding: A, on Socket straight M12, coding: A, cable length: 5 m, 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
Number of positions 5
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 5 m
PUR halogen-free black [PUR]
Dimensional drawing
Cable weight 33 kg/km
UL AWM Style 20549
Number of positions 5
Shielded no
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 0.05 mm (Signal line)
External cable diameter 4.55 mm ±0.15 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, green-yellow
Thickness, insulation approx. 0.50 mm
Max. conductor resistance max. 58 ?/km (at 20 °C)
Insulation resistance >= 16 G?*km (at 20 °C)
Nominal voltage, cable 300 V
Test voltage 3000 V
Smallest bending radius, fixed installation 23 mm
Smallest bending radius, movable installation 46 mm
Dynamic load capacity (bending) Max. bending cycles: 4000000, Bending radius: 50 mm, Traversing path: 10 m, Traversing rate: 3 m/s, Acceleration: 10 m/s²
Halogen-free in accordance with DIN VDE 0472 part 815
Flame resistance in accordance with UL 758/1581 FT2
DIN EN 60332-2-2 (20 s)
Resistance to oil in accordance with DIN EN 60811-2-1
Other resistance Highly resistant...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/5,0-PUR/M12FS VA 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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