INDUSTRIAL COMPONENT DATA

SAC-8P-M12MS/ 1,5-PUR BK 1070935 PHOENIX CONTACT Sensor/actuator cable, 8-position, PUR halogen-free, black-..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M12MS/ 1,5-PUR BK

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-M12MS/ 1,5-PUR BK
Catalog number	1070935
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-8C6A03C071
Generated	2026-11-18

Product Overview

Sensor/actuator cable, 8-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, A-coded, on free cable end, cable length: 1.5 m
Sensor/actuator cable, 8-pole, halogen-free PUR, greyish black RAL 7021, M12 straight male connector, coding: A, to free cable end, cable length: 1.5 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 8
ConnectorConnection 1
Type Plug straight M12
Coding type A
Connection 2
Type free cable end
Cable/lineCable length 1.5 m
PUR halogen-free black [PUR]
Dimensional drawing
Cable weight 46 kg/km
UL AWM Style 20549 / 10493 (80°C/300 V)

Number of positions 8
Shielded no
Cable type PUR halogen-free black [PUR]
Conductor structure signal line 32x 0.10 mm
AWG signal line 24
Conductor cross section 8x 0.25 mm² (Signal line)
Wire diameter incl. insulation 1.17 mm ±0.02 mm
External cable diameter 5.90 mm ±0.15 mm
Outer sheath, material PUR
External sheath, color black-gray RAL 7021
Conductor material Bare Cu litz wires
Material, filler PE
Material wire insulation PP
Single wire, color white, brown, green, yellow, gray, pink, blue, red
Thickness, insulation >= 0.21 mm
Thickness, outer sheath approx. 0.80 mm
Overall twist 8 wires around filler to the core
Max. conductor resistance <= 78 ?/km
Insulation resistance >= 1 G?*km
Wave impedance 100 ? +15 % (with 1 MHz)
Cable capacity <= 70 pF/m
Nominal voltage, cable <= 300 V
Test voltage >= 3000 V
Minimum bending radius, fixed installation 8 x D
Minimum bending radius, flexible installation 10 x D
Smallest bending radius, fixed installation 48 mm
Smallest bending radius, movable installation 59 mm
Dynamic load capacity (bending) Max. bending cycles: 4000000, Bending radius: 59 mm, Traversing path: 10 m, Traversing rate: 3 m/s, Acceleration: 10 m/s²
Halogen-free...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M12MS/ 1,5-PUR BK 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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