INDUSTRIAL COMPONENT DATA

SAC-5P-M12MSB/0,8-PUR SH 1075085 PHOENIX CONTACT Sensor/actuator cable, 5-position, PUR halogen-free, black-..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MSB/0,8-PUR SH

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MSB/0,8-PUR SH
Catalog number	1075085
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-76F69C38CB
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 5-position, PUR halogen-free, black-gray RAL 7021, shielded, Plug straight M12, B-coded, on free cable end, cable length: 0.8 m
Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, shielded, M12 straight male connector, coding: B, to free cable end, cable length: 0.8 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 1075085
Packing unit 1
GTIN 4055626779010
Custom tariff number 85444290
Drawings
General
Classifications
Dimensions
Cable
Drawings
Cable cross section

PUR halogen-free black [PUR]
Back to topDimensions
Length of cable 0.8 m
Back to topGeneral
Number of positions 5
Back to topCable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation LiF9YC11Y
UL AWM style 20549
Conductor cross section 5x 0.34 mm² (Signal line)
AWG signal line 22
Conductor structure signal line 42x 0.10 mm
Core diameter including insulation 1.27 mm ±0.02 mm (Signal line)
Thickness, insulation >= 0.21 mm
Wire colors Brown, white, blue, black, gray
Overall twist 5 wires around filler to the core
Shielding Tinned copper braided shield
Optical shield covering 85 %
External sheath, color black-gray RAL 7021
External cable diameter D 5.9 mm ±0.2 mm
Smallest bending radius, fixed installation 29.5 mm
Smallest bending radius, movable installation 59 mm (up to +60°C)
Number of bending cycles 4000000
Bending radius 59 mm
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 10 m/s²
Cable weight 48 kg/km
Outer sheath, material PUR
Material conductor insulation PP
Conductor material Bare Cu litz wires
Insulation resistance 70 G?*km (at 20 °C)
Conductor resistance max. 57 ?/km (at 20 °C)
Nominal voltage, cable 300 V (at 20 °C)
Test voltage Core/Core 3000 V (at 20 °C)
Special properties Flexible cable conduit capable
Flame resistance in acc. with UL FT-2
Halogen-f...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MSB/0,8-PUR SH 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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