INDUSTRIAL COMPONENT DATA

SAC-5P- 0,25-186/M12FSB 1070638 PHOENIX CONTACT Sensor/actuator cable, 5-position, PUR, black-gray RAL 7021,..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-0,25-186/M12FSB

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-0,25-186/M12FSB
Catalog number	1070638
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-62E9DD8187
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 5-position, PUR, black-gray RAL 7021, free cable end, on Socket straight M12, B-coded, cable length: 0.25 m
Sensor/actuator cable, 5-pole, PUR, greyish black RAL 7021, free cable end, to Straight connection female M12, coding: B, cable length: 0.25 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 1070638
Packing unit 1
GTIN 4055626751061
Custom tariff number 85444290
Drawings
General
Classifications
Dimensions
Cable
Drawings
Cable cross section

PUR POWER 0.75 mm² black [186]
Back to topDimensions
Length of cable 0.25 m
Back to topGeneral
Number of positions 5
Back to topCable
Cable type PUR POWER 0.75 mm² black
Cable type (abbreviation) 186
Cable abbreviation LiY11Y
Conductor cross section 5x 0.75 mm² (power line)
AWG signal line 18
Conductor structure signal line 42x 0.15 mm
Core diameter including insulation 1.7 mm ±0.05 mm
Thickness, insulation >= 0.23 mm (Core insulation)
>= 0.76 mm (Outer cable sheath)
Wire colors Brown, white, blue, black, gray
Overall twist 5 wires around filler to the core
External sheath, color black-gray RAL 7021
External cable diameter D 6.3 mm ±0.2 mm
Smallest bending radius, movable installation 63 mm
Number of bending cycles 2000000
Bending radius 63 mm
Traversing path 5 m
Traversing rate 3 m/s
Acceleration 5 m/s²
Cable weight 67 kg/km
Outer sheath, material PUR
Material conductor insulation PVC
Conductor material Bare Cu litz wires
Insulation resistance >= 1 M?*km (at 20 °C)
Conductor resistance max. 26 ?/km (at 20 °C)
Nominal voltage, cable <= 300 V
Test voltage, cable >= 3000 V
Flame resistance in accordance with DIN UL-Style 20549
Ambient temperature (operation) -25 °C ... 80 °C (cable, fixed installation)
-5 °C ... 80 °C (cable, flexible installation)
Back to topClassifications
eCl@ss
eCl@ss 4.0 27060306
eCl...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-0,25-186/M12FSB 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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