INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/10,0-PVC SH1 1070196 PHOENIX CONTACT Sensor/actuator cable, 5-position, PVC, black RAL 9005, sh..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/10,0-PVC SH1

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/10,0-PVC SH1
Catalog number	1070196
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-90FE9D2F07
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 5-position, PVC, black RAL 9005, shielded, Plug straight M12, A-coded, on free cable end, cable length: 10 m
Sensor/actuator cable, 5-pole, PVC, black RAL 9005, shielded, M12 straight male connector, coding: A, to free cable end, cable length: 10 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 1070196
Packing unit 1
GTIN 4055626749501
Custom tariff number 85444290
Drawings
General
Classifications
Dimensions
Cable
Drawings
Cable cross section

PVC black [PVC]
Back to topDimensions
Length of cable 10 m
Back to topGeneral
Number of positions 5
Back to topCable
Cable type PVC black
Cable type (abbreviation) PVC
Conductor cross section 4x 0.34 mm² (Signal line)
AWG signal line 22
Conductor structure signal line 42x 0.10 mm
Core diameter including insulation 1.4 mm ±0.02 mm
Thickness, insulation >= 0.23 mm (Core insulation)
>= 0.76 mm (Outer cable sheath)
Wire colors brown, white, blue, black
Overall twist 4 wires, twisted
Shielding Tinned copper braided shield
Optical shield covering 85 %
External sheath, color black RAL 9005
External cable diameter D 5.9 mm ±0.2 mm
Cable weight 52 kg/km
Outer sheath, material PVC
Material conductor insulation PVC
Conductor material Bare Cu litz wires
Insulation resistance >= 100 M?*km (at 20 °C)
Conductor resistance max. 58 ?/km (at 20 °C)
Nominal voltage, cable <= 300 V
Test voltage, cable >= 3000 V
Special properties Free of substances which would hinder coating with paint or varnish
Silicone-free
Flame resistance As per UL-Style 2464
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@ss 4.1 27060306
eCl@ss 5.0 27061801
eCl@ss 5.1 27061801
eCl@ss 6.0 27279200
eCl@ss 7.0 27279218
eC...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/10,0-PVC SH1 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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