INDUSTRIAL COMPONENT DATA

SAC-8P- 5,0-PVC/M12FS BK 1417857 PHOENIX CONTACT Sensor/actuator cable SAC-8P- 5,0-PVC/M12FS BK 1417857

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-5,0-PVC/M12FS BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-5,0-PVC/M12FS BK
Catalog number	1417857
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-188C34C82A
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-8P- 5,0-PVC/M12FS BK - 1417857
Sensor/actuator cable, 8-pole, PVC, black RAL 9005, cable length: 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

Sensor/actuator cable, 8-position, PVC, black RAL 9005, cable length: 5 m
Key Commercial Data
Orderkey 1417857
Packing unit 1
GTIN 4055626128337
Custom tariff number 85444290
Dimensions
Length of cable 5 m
General
Rated current at 40°C 2 A
Rated voltage 30 V AC
30 V DC
Number of positions 8
Standards/regulations M12 connector IEC 61076-2-101

Status display No
Protective circuit/component unwired
Overvoltage category II
Degree of pollution 3
Material
Flammability rating according to UL 94 HB
Standards and Regulations
Standard designation M12 connector
Standards/regulations IEC 61076-2-101
Flammability rating according to UL 94 HB
Cable
Cable type PVC black
Cable type (abbreviation) PVC
Cable abbreviation LiYY
UL AWM style 2464 / 1729 (80°C/300 V)
Conductor cross section 8x 0.25 mm² (Signal line)
AWG signal line 24
Conductor structure signal line 14x 0.15 mm
Core diameter including insulation 1.17 mm ±0.05 mm
Thickness, insulation >= 0.23 mm
Wire colors white, brown, green, yellow, gray, pink, blue, red
Overall twist 8 wires around filler to the core
External sheath, color black RAL 9005
Outer sheath thickness >= 0.76 mm
External cable diameter D 5.9 mm ±0.2 mm
Minimum bending radius, fixed installation 5 x D
Minimum bending radius, flexible installation 10 x D
Cable weight 54 kg/km
Outer sheath, material PVC
Material conductor insulation PVC
Conductor material Bare Cu litz wires
Insulation resistance >= 200 M?*km (at 20 °C)
Conductor resistance 79 ?/km (at 20 °C)
Nominal voltage...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-5,0-PVC/M12FS 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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