INDUSTRIAL COMPONENT DATA

SAC-8P-20,0-PVC/M12FS BK VA 1054142 PHOENIX CONTACT Sensor/actuator cable SAC-8P-20,0-PVC/M12FS BK VA 1054142

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-20,0-PVC/M12FS BK VA

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-20,0-PVC/M12FS BK VA
Catalog number	1054142
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-545F291995
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-8P-20,0-PVC/M12FS BK VA - 1054142
Sensor/actuator cable, 4-pole, PVC, black RAL 9005, free cable end, to Straight connection female M8, cable length: 20 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, 4-position, PVC, black RAL 9005, free cable end, on Socket straight M8, cable length: 20 m
Key Commercial Data
Orderkey 1054142
Packing unit 1
GTIN 4055626686479
Custom tariff number 85444290
Dimensions
Length of cable 20 m
General
Number of positions 4
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, cable <= 300 V AC
Test voltage, cable >= 3000 V AC
Ambient temperature (operation) -40 °C ... 80 °C (cable, fixed installation)
-25 °C ... 80 °C (cable, flexible installation)
Environmental Product Compliance
REACh SVHC
Lead 7439-92-1
China RoHS Environmentally Friendly Use Period = 50
For details about hazardous substances go to tab “Downloads”, Category “M...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-20,0-PVC/M12FS BK VA 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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