INDUSTRIAL COMPONENT DATA

SAC-8P-M12MS/10PVC/M12FS YE VA 1410437 PHOENIX CONTACT Sensor/actuator cable SAC-8P-M12MS/10PVC/M12FS YE VA ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M12MS/10PVC/M12FS YE VA

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-M12MS/10PVC/M12FS YE VA
Catalog number	1410437
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-39B2D7D6F0
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-8P-M12MS/10PVC/M12FS YE VA - 1410437
Sensor/actuator cable, PVC, black RAL 9005

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

Technical dataProduct propertiesProduct type Sensor/actuator cable
Electrical propertiesNominal voltage UN 30 V AC
30 V DC
Cable/linePVC black [PVC]
Dimensional drawing
Cable weight 54 kg/km
UL AWM Style 2464 / 1729 (80°C/300 V)
Number of positions 8
Shielded no
Cable type PVC black [PVC]
Conductor structure signal line 14x 0.15 mm
AWG signal line 24

Conductor cross section 8x 0.25 mm² (Signal line)
Wire diameter incl. insulation 1.17 mm ±0.05 mm
External cable diameter 5.90 mm ±0.2 mm
Outer sheath, material PVC
External sheath, color black RAL 9005
Conductor material Bare Cu litz wires
Material wire insulation PVC
Single wire, color white, brown, green, yellow, gray, pink, blue, red
Thickness, insulation >= 0.23 mm
Thickness, outer sheath >= 0.76 mm
Overall twist 8 wires around filler to the core
Max. conductor resistance 79 ?/km (at 20 °C)
Insulation resistance >= 200 M?*km (at 20 °C)
Nominal voltage, cable <= 300 V AC
Test voltage >= 3000 V AC
Minimum bending radius, fixed installation 5 x D
Minimum bending radius, flexible installation 10 x D
Smallest bending radius, fixed installation 30 mm
Smallest bending radius, movable installation 59 mm
Flame resistance as per VW-1 in accordance with UL 758
Resistance to oil in accordance with DIN EN 60811-2-1
Ambient temperature (operation) -25 °C ... 80 °C (cable, fixed installation)
-10 °C ... 80 °C (Cable, flexible installation)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M12MS/10PVC/M12FS YE 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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