INDUSTRIAL COMPONENT DATA

SAC-8P-M12MR/ 6,0-PVC/M12FS P 1425485 PHOENIX CONTACT Sensor/actuator cable SAC-8P-M12MR/ 6,0-PVC/M12FS P 14..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M12MR/ 6,0-PVC/M12FS P

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-M12MR/ 6,0-PVC/M12FS P
Catalog number	1425485
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-FF2904D2A6
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-8P-M12MR/ 6,0-PVC/M12FS P - 1425485
Sensor/actuator cable, 4-position, PVC, black RAL 9005, cable length: 6 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

Technical dataProduct propertiesProduct type Sensor/actuator cable
Application Standard
Number of positions 4
Shielded no
Insulation characteristics
Overvoltage category II
Degree of pollution 3
Material specificationsFlammability rating according to UL 94 HB
Seal material NBR
Material of grip body TPU, hardly inflammable, self-extinguishing
Contact material CuSn
Contact surface material Ni/Au

Contact carrier material TPU GF
Material for screw connection Plastic
Electrical propertiesNominal voltage UN 30 V AC
30 V DC
Nominal current IN 4 A
SignalingStatus display no
Status display present No
Cable/lineCable length 6 m
PVC black [PVC]
Dimensional drawing
Cable weight 40 kg/km
UL AWM Style 2464 / 1729 (80°C/300 V)
Number of positions 4
Shielded no
Cable type PVC black [PVC]
Conductor structure signal line 19x 0.15 mm
AWG signal line 22
Conductor cross section 4x 0.34 mm² (Signal line)
Wire diameter incl. insulation 1.26 mm ±0.05 mm
External cable diameter 4.70 mm ±0.15 mm
Outer sheath, material PVC
External sheath, color black RAL 9005
Conductor material Bare Cu litz wires
Material wire insulation PVC
Single wire, color brown, white, blue, black
Thickness, insulation >= 0.23 mm (Core insulation)
Thickness, outer sheath >= 0.76 mm
Overall twist 4 wires, twisted
Max. conductor resistance <= 57 ?/km (at 20 °C)
Insulation resistance >= 200 M?*km (at 20 °C)
Nominal voltage, cable <= 300 V
Test voltage >= 3000 V
Minimum bending radius, fixed installation 5 x D
Minimum bending radius, flex...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M12MR/ 6,0-PVC/M12FS P 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.