INDUSTRIAL COMPONENT DATA

SAC-8P-M 8MR/ 0,2-PUR/M 8FR 1416505 PHOENIX CONTACT Sensor/actuator cable SAC-8P-M 8MR/ 0,2-PUR/M 8FR 1416505

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M 8MR/ 0,2-PUR/M 8FR

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-M 8MR/ 0,2-PUR/M 8FR
Catalog number	1416505
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-6952FB8B93
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-8P-M 8MR/ 0,2-PUR/M 8FR - 1416505
Sensor/actuator cable, 8 poles, halogen-free PUR, RAL7021 black grey, M8 angled connector, in M8 angled female connector, cable length: 0.2m

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-pos., PUR, halogen-free, RAL 7021 (black gray), angled M8 connector to angled M8 socket, cable length: 0.2 m
Key Commercial Data
Orderkey 1416505
Packing unit 1
GTIN 4055626073590
Custom tariff number 85444290
General
Rated current at 40°C 1.5 A
Rated voltage 30 V AC
30 V DC

Number of positions 8
Coding A - standard
Standards/regulations M8 connector IEC 61076-2-104
Status display No
Protective circuit/component unwired
Degree of pollution 3
Insertion/withdrawal cycles >= 100
Torque 0.2 Nm (M8 connectors)
Material
Flammability rating according to UL 94 HB
Standards and Regulations
Standard designation M8 connector
Standards/regulations IEC 61076-2-104
Flammability rating according to UL 94 HB
Cable
Cable abbreviation Li9Y11Y
UL AWM style 20549
Conductor cross section 8x 0.14 mm² (Signal line)
AWG signal line 26
Conductor structure signal line 18x 0.10 mm
Core diameter including insulation 1 mm ±0.02 mm (Signal line)
Thickness, insulation >= 0.21 mm (Signal line)
>= 0.38 mm (Outer cable sheath)
Wire colors white, brown, green, yellow, gray, pink, blue, red
Overall twist 8 wires around filler to the core
Length of twist, overall twist 58 mm
External sheath, color black-gray RAL 7021
External cable diameter D 5.1 mm ±0.15 mm
Smallest bending radius, fixed installation 25.5 mm
Smallest bending radius, movable installation 51 mm
Number of bending cycles 4000000
Bending radius 51 mm
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 10 m/s²
Outer sheath,...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M 8MR/ 0,2-PUR/M 8FR 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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