INDUSTRIAL COMPONENT DATA

SAC-8P-MR/ 1,0-PUR/FR SCO BK 1418856 PHOENIX CONTACT Sensor/actuator cable SAC-8P-MR/ 1,0-PUR/FR SCO BK 1418..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-MR/ 1,0-PUR/FR SCO BK

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-MR/ 1,0-PUR/FR SCO BK
Catalog number	1418856
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-8501B30FFD
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-8P-MR/ 1,0-PUR/FR SCO BK - 1418856

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, PUR halogen-free, black-gray RAL 7021
Key Commercial Data
Orderkey 1418856
Packing unit 1
GTIN 4055626152288
Custom tariff number 85444290
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 PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation Li9Y11Y
UL AWM style 20549 / 10493 (80°C/300 V)
Conductor cross section 8x 0.25 mm²
AWG signal line 24
Conductor structure signal line 32x 0.10 mm
Core diameter including insulation 1.17 mm ±0.02 mm
Thickness, insulation >= 0.21 mm
Wire colors white, brown, green, yellow, gray, pink, blue, red
Overall twist 8 wires around filler to the core
External sheath, color black-gray RAL 7021
Outer sheath thickness approx. 0.8 mm
External cable diameter D 5.9 mm ±0.15 mm
Minimum bending radius, fixed installation 8 x D
Minimum bending radius, flexible installation 10 x D
Number of bending cycles 4000000
Bending radius 59 mm
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 10 m/s²
Cable weight 46 kg/km
Outer sheath, material PUR
Material, filler PE
Material conductor insulation PP
Conductor material...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-MR/ 1,0-PUR/FR SCO 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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