INDUSTRIAL COMPONENT DATA

SAC-2P-M 8MR/0,16-PUR/CI-1L-Z 1408499 PHOENIX CONTACT Sensor/actuator cable SAC-2P-M 8MR/0,16-PUR/CI-1L-Z 14..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-2P-M 8MR/0,16-PUR/CI-1L-Z

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-2P-M 8MR/0,16-PUR/CI-1L-Z
Catalog number	1408499
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-1D1E88093B
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-2P-M 8MR/0,16-PUR/CI-1L-Z - 1408499
Sensor/Actuator Cable, 2-pole, M8 Angled Connector, to IC Valve Connectors (9.4mm), with 1 LED, connected with Z-Diode, cable length: 0.16 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, 2-position, PUR halogen-free, black-gray RAL 7021, Plug angled M8, on Valve connector CI (9.4 mm), with 1 LED, connected with Z diode, cable length: 0.16 m
Key Commercial Data
Orderkey 1408499
Packing unit 1
GTIN 4046356813846
Custom tariff number 85444290
Dimensions
Length of cable 0.16 m
General
Rated voltage 24 V AC

24 V DC
Number of positions 2
Insertion/withdrawal cycles >= 100
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation Li9Y11Y
UL AWM style 20549
Conductor cross section 3x 0.34 mm² (Signal line)
AWG signal line 22
Conductor structure signal line 42x 0.10 mm
Core diameter including insulation 1.27 mm ±0.02 mm (Signal line)
Thickness, insulation >= 0.21 mm (Core insulation)
approx. 0.5 mm (Outer cable sheath)
Wire colors brown, blue, black
Overall twist 3 wires, twisted
External sheath, color black-gray RAL 7021
External cable diameter D 3.85 mm ±0.15 mm
Smallest bending radius, fixed installation 19 mm
Smallest bending radius, movable installation 38 mm
Number of bending cycles 10000000
Bending radius 44 mm
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 10 m/s²
Cable weight 23 kg/km
Outer sheath, material PUR
Material conductor insulation PP
Conductor material Bare Cu litz wires
Insulation resistance >= 100 G?*km (at 20 °C)
Conductor resistance max. 58 ?/km (at 20 °C)
Nominal voltage, cable <= 300 V
Test voltage, cable >= 3000 V
Special properties Flexible cable conduit capable
Silicone-free
Free of...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-2P-M 8MR/0,16-PUR/CI-1L-Z 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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