INDUSTRIAL COMPONENT DATA

SAC-3P-M12FR/ 8,0-PUR/M12FR VW 1693856 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12FR/ 8,0-PUR/M12FR VW

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12FR/ 8,0-PUR/M12FR VW
Catalog number	1693856
Category	Sensor-actuator patch cord
Minimum order	5 Pcs
Document ID	EO-3083D0B07F
Generated	2026-11-19

Product Overview

Sensor/actuator cable

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

Key Commercial Data
Orderkey 1693856
Packing unit 5 pc
Minimum order quantity 5 pc
Note Made to Order (non-returnable)
GTIN 4017918481827
Weight per Piece (excluding packing) 236.980 g
Custom tariff number 85444290
Country of origin PL (Poland)
Dimensions
Length of cable 8 m
Ambient conditions
Degree of protection IP65
IP67
General

Rated current at 40°C 4 A
Rated voltage 250 V AC
250 V DC
Number of positions 3
Coding A - standard
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles >= 100
Torque 0.4 Nm
Material
Contact material CuSn
Contact surface material Ni/Au
Cable
Cable type PUR irradiated halogen-free orange
Cable type (abbreviation) 150
Cable abbreviation D12YSL11X-OB
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 1.05 mm ±0.05 mm (Signal line)
Wire colors brown, blue, black
Overall twist 3 wires, twisted
External sheath, color orange RAL 2003
External cable diameter D 4.4 mm ±0.2 mm
Smallest bending radius, fixed installation 13.5 mm
Smallest bending radius, movable installation 53 mm
Number of bending cycles 5000000
Bending radius 44 mm
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 10 m/s²
Outer sheath, material PUR
Material conductor insulation PE
Conductor material Bare Cu litz wires
Conductor resistance max. 57 ?/km
Nominal voltage, cable 250 V (AC)
Test voltage, cable 2000 V (50 Hz, 5 minutes)
Special properties Silicone-free
Irradia...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12FR/ 8,0-PUR/M12FR VW 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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