

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



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-1A2DF7F3E5
Generated	2026-08-05

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 $3 \times 0.34 \text{ mm}^2$ (Signal line)
AWG signal line 22
Conductor structure signal line $42 \times 0.10 \text{ mm}$
Core diameter including insulation $1.05 \text{ mm} \pm 0.05 \text{ mm}$ (Signal line)
Wire colors brown, blue, black
Overall twist 3 wires, twisted
External sheath, color orange RAL 2003
External cable diameter D $4.4 \text{ mm} \pm 0.2 \text{ mm}$
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/s^2
Outer sheath, material PUR
Material conductor insulation PE
Conductor material Bare Cu litz wires
Conductor resistance max. $57 \text{ } \Omega/\text{km}$
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

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.