

INDUSTRIAL COMPONENT DATA

SAC-3P-M12MS/10,0-PUR/A-1L-Z 1438464 PHOENIX CONTACT

Sensor/actuator cable SAC-3P-M12MS/10,0-PUR/A-1L-Z 1438..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/10,0-PUR/A-1L-Z



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MS/10,0-PUR/A-1L-Z
Catalog number	1438464
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-653F52BF17
Generated	2026-08-05

Product Overview

Sensor/actuator cable - SAC-3P-M12MS/10,0-PUR/A-1L-Z - 1438464

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, PUR halogen-free, black-gray RAL 7021, Plug straight M12, A-coded, on Valve connector A, with 1 LED, connected with Z diode, cable length: 10 m

Key Commercial Data

Orderkey 1438464

Packing unit 1

GTIN 4046356488266

Custom tariff number 85444290

Dimensions

Length of cable 10 m

Ambient conditions

Degree of protection IP65

IP67

General

Rated current at 40°C 4 A

Rated voltage 24 V AC

24 V DC
Status display 1 LED
Protective circuit/component Z diode
Overvoltage category III
Degree of pollution 3
Insertion/withdrawal cycles ≥ 100
Material
Flammability rating according to UL 94 HB
Standards and Regulations
Flammability rating according to UL 94 HB
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation Li9Y11Y-HF
UL AWM style 20549
Conductor cross section $3 \times 0.5 \text{ mm}^2$
AWG signal line 20
Conductor structure signal line $28 \times 0.15 \text{ mm}$
Core diameter including insulation $1.5 \text{ mm} \pm 0.05 \text{ mm}$ (Signal line)
Wire colors black 1, black 2, green/yellow
Overall twist 3 wires, twisted
External sheath, color black-gray RAL 7021
External cable diameter $D 4.5 \text{ mm} \pm 0.2 \text{ mm}$
Smallest bending radius, fixed installation 22.5 mm
Number of bending cycles 15000000
Bending radius 50 mm
Traversing path 0.9 m
Traversing rate 5 m/s
Acceleration 30 m/s^2
Outer sheath, material PUR
Material conductor insulation PP
Conductor material Bare Cu litz wires
Insulation resistance min. $20 \text{ M}\Omega \cdot \text{km}$
Conductor resistance $39 \text{ }\Omega/\text{km}$ (at $20 \text{ }^\circ\text{C}$)
Nominal voltage, cable $\leq 300 \text{ V}$
Test volta...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/10,0-PUR/A-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

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.