

INDUSTRIAL COMPONENT DATA

SAC-4P-10,0-28X/M12FS SH OD 1454176 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-10,0-28X/M12FS SH OD



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-10,0-28X/M12FS SH OD
Catalog number	1454176
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-0EA721C651
Generated	2026-08-02

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 4-pole, halogen-free PE-X/PE-X, greyish black RAL 7021, shielded, free cable end, to Straight connection female M12, coding: A, cable length: 10 m, for outdoor applications, with stainless steel knurling

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 1454176

Packing unit 1 pc

Catalog page Page 154 (C-4-2013)

GTIN 4046356568784

Weight per Piece (excluding packing) 729.400 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 10 m

Ambient conditions

Ambient temperature (operation) -40 °C ... 105 °C (Plug / socket)

-40 °C ... 85 °C (On sudden changes in temperature (according to IEC 60512-11-4))

Degree of protection IP65

IP67

IP68

IP69K

General

Rated current at 40°C 4 A

Rated voltage 48 V AC

60 V DC

Number of positions 4

Insulation resistance $\geq 100 \text{ M}\Omega$

Coding A - standard

Standards/regulations M12 connector IEC 61076-2-101

Status display No

Protective circuit/component unwired

Degree of pollution 3

Insertion/withdrawal cycles ≥ 100

Torque 0.4 Nm (M12 connector)

Material

Flammability rating according to UL 94 V0

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material PP

Material of grip body PP

Material, knurls Stainless steel

Sealing material FPM

Standards and Regulations

Standard designation M12 connector

Standards/regulations IEC 61076-2-101

Flammability rating according to UL 94 V0

Cable

Cable type PE-X black

Cable type (abbreviation) 28X

Cable abbreviation Li2X2X-C-VI-2X

Conductor cross section $4 \times 0.5 \text{ mm}^2$ (Signal line)

AWG signal line 20

Conductor structure signal line $28 \times 0.15 \text{ mm}$

Core diameter including insulation $1.6 \text{ mm} \pm 0.05 \text{ mm}$ (Signal line)

Thickness, insulation approx. 0.3 mm (Core insulation)

approx. 0.7 mm (Outer cable sheath)

a...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-10,0-28X/M12FS SH OD 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.