

INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/2,0-28X/M12FS OD 1454105 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/2,0-28X/M12FS OD



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/2,0-28X/M12FS OD
Catalog number	1454105
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-48AF96BA13
Generated	2026-08-02

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 4-pole, halogen-free PE-X, greyish black RAL 7021, M12 straight male connector, encoding: A, to M12 straight connection female, coding: A, cable length: 2 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 1454105

Packing unit 1 pc

Catalog page Page 153 (C-4-2013)

GTIN 4046356568715

Weight per Piece (excluding packing) 115.000 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 2 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 250 V AC

250 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

Overvoltage category II

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

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. 0.6 mm (Outer...)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/2,0-28X/M12FS 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.