

INDUSTRIAL COMPONENT DATA

SAC-4P-40,0-28X/M12FS SH OD 1012237 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-40,0-28X/M12FS SH OD



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-40,0-28X/M12FS SH OD
Catalog number	1012237
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-354A791F71
Generated	2026-08-05

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 4-pole, halogen-free, PE-X/PE-X halogen-free, greyish black RAL 7021, shielded, free cable end, a Straight female M12, coding: A, cable length: 40 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 1012237

Packing unit 1

GTIN 4055626489414

Custom tariff number 85444290

Dimensions

Length of cable 40 m

Ambient conditions

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

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
Material
Flammability rating according to UL 94 V0
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)
approx. 0.45 mm (Inner sheath)
Wire colors brown, white, blue, black
Overall twist 4 wires, twisted
Length of twist, overall twist 108.8 mm
Shielding Braided copper wires
Optical shield covering 85 %
External sheath, color black-gray RAL 7021
External cable diameter $D 6.8 \text{ mm} \pm 0.2 \text{ mm}$
Smallest bending radius, fixed installation 34 mm
Smallest bending radius, movable installation 68 mm
Number of bending cycles 1000000
Bending ra...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-40,0-28X/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.