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-0F96292C8F |
| Generated | 2026-11-19 |

## 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 >= 100 M?
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-Vl-2X
Conductor cross section 4x 0.5 mm² (Signal line)
AWG signal line 20
Conductor structure signal line 28x 0.15 mm
Core diameter including insulation 1.6 mm ±0.05 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 mm ±0.2 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.