INDUSTRIAL COMPONENT DATA

# SAC-4P-M12MS/ 2,0-28X SH OD 1454121 PHOENIX CONTACT Sensor/actuator cable

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



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SAC-4P-M12MS/ 2,0-28X SH OD |
| Catalog number | 1454121 |
| Category | Sensor-actuator patch cord |
| Minimum order | 1 Pcs |
| Document ID | EO-ACBD921CD5 |
| Generated | 2026-11-18 |

## Product Overview

Sensor/actuator cable
Sensor/actuator cable, 4-pole, halogen-free PE-X/PE-X, greyish black RAL 7021, shielded, M12 straight male connector, coding: A, to free cable end, 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

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial Field Connectivity (IFC) |

## Additional Product Information

Key Commercial Data
Orderkey 1454121
Packing unit 1 pc
Catalog page Page 154 (C-4-2013)
GTIN 4046356568739
Weight per Piece (excluding packing) 165.000 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 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
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-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)
ap...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

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