INDUSTRIAL COMPONENT DATA

# SAC-4P-MR/ 1,0-28R SCO RAIL 1422819 PHOENIX CONTACT Sensor/actuator cable

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-MR/ 1,0-28R SCO RAIL**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SAC-4P-MR/ 1,0-28R SCO RAIL |
| Catalog number | 1422819 |
| Category | Sensor-actuator patch cord |
| Minimum order | 50 Pcs |
| Document ID | EO-C118C98DA3 |
| Generated | 2026-11-18 |

## Product Overview

Sensor/actuator cable

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

Sensor/actuator cable, 4-position, PE-X halogen-free, black, shielded, on free cable end, cable length: 1 m, For railway applications
Key Commercial Data
Orderkey 1422819
Packing unit 1
GTIN 4055626315744
Custom tariff number 85444290
Dimensions
Length of cable 1 m
Ambient conditions
Ambient temperature (operation) -40 °C ... 85 °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
Shock, vibration EN 50155
Status display No
Protective circuit/component unwired
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles >= 100
Material
Flammability rating according to UL 94 V0
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material PA 6.6
Material of grip body PA 6.6
Material, knurls Zinc die-cast, nickel-plated
Standards/regulations PA 6.6: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)
Standards and Regulations
Standard designation M12 connector
Standards/regulations IEC 61076-2-101
Standard designation Shock, vibration
Standards/regulations EN 50155
Flammability rating according to UL 94 V0
Environmental Product Compliance
China RoHS Environmentally friendly use period: unlimited = EFUP-e
No hazardous substances above threshold values
Classifications
eCl@ss 6.027279200eCl@ss 7.027279218eCl@ss 9.027060311
ETIM 5.0EC0018...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-MR/ 1,0-28R SCO RAIL 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.