

INDUSTRIAL COMPONENT DATA

SAC-5P-MS/ 1,0-28R/FS SCO RAIL 1419831 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-MS/ 1,0-28R/FS SCO RAIL



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-MS/ 1,0-28R/FS SCO RAIL
Catalog number	1419831
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-786AC24CF7
Generated	2026-08-04

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

Key Commercial Data

Orderkey 1419831

Packing unit 1

GTIN 4055626189246

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 5

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

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

Sealing material NBR

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

Cable

Cable type Shielded black RADOX®

Cable type (abbreviation) 28R

Conductor cross section 5x 0.5 mm²

AWG signal line 20

Conductor structure signal line 19x 0.18 mm

Core diameter including insulation 1.43 mm

Wire colors White 1, white 2, white 3, white 4, white 5

Overall twist 5 cores, twisted

Shielding Tinned copper braided shield

External sheath, color black

External cable...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-MS/ 1,0-28R/FS 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.