INDUSTRIAL COMPONENT DATA

SAC-3P-MS/ 2,5-28R SCO RAIL 1424174 PHOENIX CONTACT Sensor/actuator cable SAC-3P-MS/ 2,5-28R SCO RAIL 1424174

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-MS/ 2,5-28R SCO RAIL



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-MS/ 2,5-28R SCO RAIL
Catalog number	1424174
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-9CBF3AAA5F
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-3P-MS/ 2,5-28R SCO RAIL - 1424174

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, 3-position, PE-X halogen-free, black, shielded, Plug straight M12 SPEEDCON, A-coded, on free cable end, cable length: 2.5 m, For railway applications
Key Commercial Data
Orderkey 1424174
Packing unit 1
GTIN 4055626368573
Custom tariff number 85444290
Dimensions
Length of cable 2.5 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 3
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
Cable
Cable type Shielded black RADOX®
Cable type (abbreviation) 28R
Conductor cross section 3x 0.5 mm²
AWG signal line 20
Conductor structure signal line 19x 0.18 mm
Core diameter including....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-MS/ 2,5-28R 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

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