INDUSTRIAL COMPONENT DATA

SAC-5P-MS/0,25-28R SCO RAIL 1559180 PHOENIX CONTACT Sensor/actuator cable, 5-pole, M12 SPEEDCON straight con..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-MS/0,25-28R SCO RAIL



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-MS/0,25-28R SCO RAIL
Catalog number	1559180
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-5612D1E766
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 5-pole, M12 SPEEDCON straight connector, coding: A, to free cable end, cable length: 0.25 m, For railway applications
Cable for sensors/actuators
Sensor/actuator cable, 5-position, Plug straight M12 SPEEDCON, coding: A, connected with unwired, on free cable end, cable length: 0.25 m, For railway applications

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

Technical dataNotesGeneral Further products with variable cable type and variable cable length can be found in the accessories section
Product propertiesProduct type Sensor/actuator cable
Number of positions 5
Application Railway applications
No. of cable outlets 1
Shielded yes
Coding A
Insulation characteristics
Overvoltage category II
Degree of pollution 3

Material specificationsFlammability rating according to UL 94 V0
Material of grip body PA 6.6
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material PA 6.6
Material for screw connection Zinc die-cast, nickel-plated
Electrical propertiesContact resistance <= 5 m?
Insulation resistance >= 100 M?
Nominal voltage UN 48 V AC
60 V DC
Nominal current IN 4 A
Protective circuit unwired
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
SignalingStatus display No
Status display present No
ConnectorConnection 1
Type Plug straight M12 SPEEDCON
Number of positions 5
Locking type SPEEDCON
Coding type A
Connection 2
Type free cable end
Cable/lineCable length 0.25 m
Shielded black RADOX®[28R]
Dimensional drawing
Shielded yes
Cable weight 70 kg/km
Cable type Shielded black RADOX®
Cable type (abbreviation) 28R
External cable diameter 6.2 mm ±0.3 mm
Outer sheath, material PE-X
External sheath, color black
Conductor material Tin-plated Cu litz wires
Conductor structure signal line 19x 0.18 mm
AWG signal line 20
Conductor cross section 5x 0.5 mm²
Material wire insulation PE-X
Wire diameter incl. insul...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-MS/0,25-28R 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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