INDUSTRIAL COMPONENT DATA

SAC-3P-MS/24,7-28RSCO RAIL 1X2 1424173 PHOENIX CONTACT Sensor/actuator cable SAC-3P-MS/24,7-28RSCO RAIL 1X2 ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-MS/24,7-28RSCO RAIL 1X2



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-MS/24,7-28RSCO RAIL 1X2
Catalog number	1424173
Category	Sensor-actuator patch cord
Minimum order	10 Pcs
Document ID	EO-E78755F377
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-3P-MS/24,7-28RSCO RAIL 1X2 - 1424173
Sensor/actuator cable, 3-position, PE-X halogen-free, black, shielded, Plug straight M12 SPEEDCON, coding: A, on free cable end, cable length: 24.7 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 dataProduct propertiesProduct type Sensor/actuator cable
Application Railway applications
Number of positions 3
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 propertiesInsulation resistance >= 100 M?
Nominal voltage UN 48 V AC
60 V DC
Nominal current IN 4 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
SignalingStatus display no
Status display present No
ConnectorConnection 1
Type Plug straight M12 SPEEDCON
Number of positions 3
Locking type SPEEDCON
Coding type A
Connection 2
Type free cable end
Cable/lineCable length 24.7 m
Shielded black RADOX® [28R]
Dimensional drawing
Cable weight 51 kg/km
Number of positions 3
Shielded yes
Cable type Shielded black RADOX® [28R]
Conductor structure signal line 19x 0.18 mm
AWG signal line 20
Conductor cross section 3x 0.5 mm²
Wire diameter incl. insulation 1.43 mm
External cable diameter 5.30 mm ±0.3 mm
Outer sheath, material PE-X
External sheath, color black
Conductor material Tin-plated Cu litz wires
Material wire insulation PE-X
Single wire, color white 1, white 2, white 3
Overall twist 3 wires, twisted
Max. conductor resistance <= 40.1 ?/km
Nominal voltage, cable 600 V AC (Core-ground,....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-MS/24,7-28RSCO RAIL 1X2 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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