INDUSTRIAL COMPONENT DATA

SAC-3P-MS/18,7-28R/MS2+3NCRAIL 1048896 PHOENIX CONTACT Cable for sensors/actuators, 3-pole, PE-X halogen-fre..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-MS/18,7-28R/MS2+3NCRAIL

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-MS/18,7-28R/MS2+3NCRAIL
Catalog number	1048896
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-1EB5D4F04F
Generated	2026-11-18

Product Overview

Cable for sensors/actuators, 3-pole, PE-X halogen-free, black, shielded, Plug straight M12 SPEEDCON, coded, to male Connector straight M12 SPEEDCON, coded, cable length: 18,7 m, For railway applications
Sensor/actuator cable, 3-pole, halogen-free PE-X, black, shielded, M12 SPEEDCON straight male connector, coding: A, a M12 SPEEDCON straight male connector, coding: A, cable length: 18.7 m, For railway applications
Sensor/actuator cable, 3-position, PE-X halogen-free, black, shielded, Plug straight M12 SPEEDCON, coding: A, on Plug straight M12 SPEEDCON, coding: A, cable length: 18.7 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
Number of positions 3
Electrical propertiesNominal voltage UN 48 V AC
60 V DC
ConnectorConnection 1
Type Plug straight M12 SPEEDCON
Number of positions 3
Locking type SPEEDCON

Coding type A
Connection 2
Type Plug straight M12 SPEEDCON
Number of positions 3
Locking type SPEEDCON
Coding type A
Cable/lineCable length 18.7 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, U0)
1000 V AC (Core-ground, U)
<= 720 V AC (core-ground)
<= 1200 V AC (Core-ground, Um)
<= 900 V DC (Core-ground, V0)
<= 1500 V DC (Line-line)
Test voltage 3500 V AC (50 Hz, 5 min.)
8400 V DC (50 Hz, 5 min.)
Minimum bending radius, fixed installation 3 x D
Minimum bending radius, flexible installation 4 x D
Smallest bending radius, fixed installation 16 mm
Smallest bending radius, movable installation 22 mm
Halogen-free in accordance with EN 50267-2-1
Flame resistance EN 60332-1-2
EN 50266
EN 503...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-MS/18,7-28R/MS2+3NCRAIL 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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