INDUSTRIAL COMPONENT DATA

SAC-4P-20,0-28X/M12FR OD 1419020 PHOENIX CONTACT Sensor/actuator cable SAC-4P-20,0-28X/M12FR OD 1419020

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-20,0-28X/M12FR OD



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-20,0-28X/M12FR OD
Catalog number	1419020
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-DB21607EA0
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-4P-20,0-28X/M12FR OD - 1419020
Sensor/actuator cable, 4-position, PE-X halogen-free, black-gray RAL 7021, free cable end, on Socket angled M12, coding: A, cable length: 20 m, for outdoor applications, with high-grade steel knurl

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 External areas
Number of positions 4
No. of cable outlets 1
Shielded no
Coding A
Insulation characteristics
Overvoltage category II
Degree of pollution 3
Material specificationsFlammability rating according to UL 94 V0
Seal material FPM
Material of grip body PP
Contact material CuSn

Contact surface material Ni/Au
Contact carrier material PP
Material for screw connection Stainless steel
Electrical propertiesNominal voltage UN 250 V AC
250 V DC
Nominal current IN 4 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
SignalingStatus display no
Status display present No
Connection dataConductor connection
Tightening torque 0.4 Nm
ConnectorConnection 1
Type free cable end
Connection 2
Type Socket angled M12
Number of positions 4
Coding type A
Cable/lineCable length 20 m
PE-X black [28X]
Dimensional drawing
Cable weight 44 kg/km
Number of positions 4
Shielded no
Cable type PE-X black [28X]
Conductor structure signal line 28x 0.15 mm
AWG signal line 20
Conductor cross section 4x 0.5 mm² (Signal line)
Wire diameter incl. insulation 1.6 mm ±0.05 mm (Signal line)
External cable diameter 5.20 mm ±0.2 mm
Outer sheath, material PE-X
External sheath, color black-gray RAL 7021
Conductor material Bare Cu litz wires
Material wire insulation PE-X
Single wire, color brown, white, blue, black
Thickness, insulation approx. 0.30 mm (Core insulation)
approx. 0.60 mm (Outer cable sheath)
Overall twis...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-20,0-28X/M12FR OD 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.