INDUSTRIAL COMPONENT DATA

SAC-8P-M12MS/ 5,0-28X SH OD 1407280 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M12MS/ 5,0-28X SH OD



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-M12MS/ 5,0-28X SH OD
Catalog number	1407280
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-48FADF32A4
Generated	2026-11-18

Product Overview

Sensor/actuator cable
Sensor/actuator cable, 8-pole, halogen-free PE-X/PE-X, greyish black RAL 7021, shielded, M12 straight male connector, coding: A, to free cable end, cable length: 5 m, for outdoor applications, with stainless steel knurling
Sensor/actuator cable, 8-position, PE-X/PE-X halogen-free, black-gray RAL 7021, shielded, Plug straight M12, coding: A, on free cable end, cable length: 5 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 8
No. of cable outlets 1
Shielded yes
Coding A
Insulation characteristics
Degree of pollution 3
Material specificationsFlammability rating according to UL 94 V0
Material of grip body PP
Contact material CuSn

Contact surface material Ni/Au
Contact carrier material PP
Material for screw connection Stainless steel
Electrical propertiesInsulation resistance >= 100 M?
Nominal voltage UN 30 V AC
30 V DC
Nominal current IN 2 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
SignalingStatus display no
Status display present No
Connection dataConductor connection
Tightening torque 0.4 Nm (M12 connector)
ConnectorConnection 1
Type Plug straight M12
Number of positions 8
Coding type A
Connection 2
Type free cable end
Cable/lineCable length 5 m
PE-X black [28X]
Dimensional drawing
Cable weight 81 kg/km
Number of positions 8
Shielded yes
Cable type PE-X black [28X]
Conductor structure signal line 32x 0.10 mm
AWG signal line 24
Conductor cross section 8x 0.25 mm²
Wire diameter incl. insulation 1.17 mm ±0.02 mm
External cable diameter 7.25 mm ±0.3 mm
Outer sheath, material PE-X
External sheath, color black-gray RAL 7021
Conductor material Bare Cu litz wires
Material, filler PP yarn
Material wire insulation PE-X
Single wire, color white, brown, green, yellow, gray, pink, blue, red
Thickness, insulation approx. 0.25 mm (Core insulation)
Inner sheath thicknes...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M12MS/ 5,0-28X SH 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.