INDUSTRIAL COMPONENT DATA

SAC-8P-M12MS/ 2,0-28X OD 1407271 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-M12MS/ 2,0-28X OD



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-M12MS/ 2,0-28X OD
Catalog number	1407271
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-FBD19DFBF1
Generated	2026-11-19

Product Overview

Sensor/actuator cable
Sensor/actuator cable, 8-pole, halogen-free PE-X, greyish black RAL 7021, Straight male connector M12, coding: A, to free cable end, cable length: 2 m, for outdoor applications, with stainless steel knurling

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

Key Commercial Data
Orderkey 1407271
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 157 (C-4-2013)
GTIN 4046356773898
Weight per Piece (excluding packing) 135.800 g
Custom tariff number 85444290
Country of origin PL (Poland)
Dimensions
Length of cable 2 m
Ambient conditions
Ambient temperature (operation) -40 °C ... 105 °C (Plug / socket)

-40 °C ... 85 °C (On sudden changes in temperature (according to IEC 60512-11-4))
Degree of protection IP65
IP67
IP68
IP69K
General
Rated current at 40°C 2 A
Rated voltage 30 V AC
30 V DC
Number of positions 8
Insulation resistance >= 100 M?
Coding A - standard
Standards/regulations M12 connector IEC 61076-2-101
Status display No
Protective circuit/component unwired
Degree of pollution 3
Insertion/withdrawal cycles >= 100
Torque 0.4 Nm (M12 connector)
Material
Flammability rating according to UL 94 V0
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material PP
Material of grip body PP
Material, knurls Stainless steel
Standards and Regulations
Standard designation M12 connector
Standards/regulations IEC 61076-2-101
Flammability rating according to UL 94 V0
Cable
Cable type PE-X black
Cable type (abbreviation) 28X
Cable abbreviation Li2X2X
Conductor cross section 8x 0.25 mm²
AWG signal line 24
Conductor structure signal line 32x 0.10 mm
Core diameter including insulation 1.17 mm ±0.02 mm
Thickness, insulation approx. 0.25 mm (Core insulation)
Wire colors white, brown, green, yellow, gray, pink, blue...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-M12MS/ 2,0-28X 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

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