INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/7,2-28X/M12FS OD 1425146 PHOENIX CONTACT Sensor/actuator cable SAC-5P-M12MS/7,2-28X/M12FS OD 14..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/7,2-28X/M12FS OD



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/7,2-28X/M12FS OD
Catalog number	1425146
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-98E928B3DD
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-5P-M12MS/7,2-28X/M12FS OD - 1425146
Sensor/actuator cable, 5-pole, halogen-free PE-X, greyish black RAL 7021, Straight male connector M12, coding: A, to Straight connection female M12, coding: A, cable length: 7.2 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

Sensor/actuator cable, 5-position, PE-X halogen-free, black-gray RAL 7021, Plug straight M12, A-coded, on Socket straight M12, A-coded, cable length: 7.2 m, for outdoor applications, with high-grade steel knurl
Key Commercial Data
Orderkey 1425146
Packing unit 1
GTIN 4055626385631
Custom tariff number 85444290
Dimensions
Length of cable 7.2 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 4 A
Rated voltage 48 V AC
60 V DC
Number of positions 5
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
Sealing material FPM
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 5x 0.5 mm²
AWG signal line 20
Conductor structure signal line 28x 0.15 mm
Core diameter including insulation 1.6 mm ±0.5 mm
Thickness, insulation approx. 0...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/7,2-28X/M12FS 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.