INDUSTRIAL COMPONENT DATA

SAC-4P- 0,5-28X/M12FR OD 1420469 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P- 0,5-28X/M12FR OD



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P- 0,5-28X/M12FR OD
Catalog number	1420469
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-8F28DF66B0
Generated	2026-11-19

Product Overview

Sensor/actuator cable

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 1420469
Packing unit 1
GTIN 4055626218205
Custom tariff number 85444290
Dimensions
Length of cable 0.5 m
Ambient conditions
Degree of protection IP65
IP67
General
Rated current at 40°C 4 A
Rated voltage 250 V AC
250 V DC
Number of positions 4

Coding A - standard
Standards/regulations M12 connector IEC 61076-2-101
Status display No
Protective circuit/component unwired
Overvoltage category II
Degree of pollution 3
Torque 0.4 Nm
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 4x 0.5 mm² (Signal line)
AWG signal line 20
Conductor structure signal line 28x 0.15 mm
Core diameter including insulation 1.6 mm ±0.05 mm (Signal line)
Thickness, insulation approx. 0.3 mm (Core insulation)
approx. 0.6 mm (Outer cable sheath)
Wire colors brown, white, blue, black
Overall twist 4 wires, twisted
Length of twist, overall twist 61.6 mm
External sheath, color black-gray RAL 7021
External cable diameter D 5.2 mm ±0.2 mm
Smallest bending radius, fixed installation 26 mm
Smallest bending radius, movable installation 52 mm
Number of bending cycles 2000000
Bending r...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P- 0,5-28X/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

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