INDUSTRIAL COMPONENT DATA

SAC-5P-3,0-500/M12FR FB 1421003 PHOENIX CONTACT Sensor/actuator cable SAC-5P-3,0-500/M12FR FB 1421003

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-3,0-500/M12FR FB



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-3,0-500/M12FR FB
Catalog number	1421003
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-4285F6807E
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-5P-3,0-500/M12FR FB - 1421003
Sensor/Actuator Cable, 5-Pole, Free Cable End, to Elbowed Female M12, Coding: A, Cable Length: 3 m, 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, PVC, gray RAL 7001, free cable end, on Socket angled M12, A-coded, cable length: 3 m, with high-grade steel knurl
Key Commercial Data
Orderkey 1421003
Packing unit 1
GTIN 4055626250335
Custom tariff number 85444290
Dimensions
Length of cable 3 m
Ambient conditions
Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)
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
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles >= 100
Material
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material PP
Material of grip body PP
Material, knurls Stainless steel 1.4404
Standards and Regulations
Standard designation M12 connector
Standards/regulations IEC 61076-2-101
Cable
Cable type PVC gray
Cable type (abbreviation) PVC
Cable abbreviation LiYY
UL AWM style 2464 / 1729 (80°C/300 V)
Conductor cross section 5x 0.34 mm² (Signal line)
AWG signal line 22
Conductor structure signal line 19x 0.15 mm
Core diameter including insulation 1.26 mm ±0.05 mm
Thickness, insulation >= 0.23 mm (Core insulation)
Wire colors brown, white, blue, black, green-yellow
Overall twist 5 wires around filler to the core
External sheath, color gray RAL 7001
Outer sheath thickness >= 0.76 mm
External ca...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-3,0-500/M12FR FB 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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