INDUSTRIAL COMPONENT DATA

SAC-5P- 0,5-500/M12FS SH BK 1055321 PHOENIX CONTACT Sensor/actuator cable SAC-5P- 0,5-500/M12FS SH BK 1055321

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P- 0,5-500/M12FS SH BK

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P- 0,5-500/M12FS SH BK
Catalog number	1055321
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-BAAC5AFF30
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-5P- 0,5-500/M12FS SH BK - 1055321
Sensor/actuator cable, 1-pole, PVC, grey RAL 7001, shielded, free cable end, to Straight connection female M12, coding: A, cable length: 0.5 m

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, 1-position, PVC, gray RAL 7001, shielded, free cable end, on Socket straight M12, A-coded, cable length: 0.5 m
Key Commercial Data
Orderkey 1055321
Packing unit 1
GTIN 4055626692838
Custom tariff number 85444290
Dimensions
Length of cable 0.5 m
General
Number of positions 1
Cable
Cable type PVC gray

Cable type (abbreviation) 500
Cable abbreviation LiYCY
Conductor cross section 0.34 mm²
AWG signal line 22
Conductor structure signal line 42x 0.10 mm
Core diameter including insulation 1.35 mm ±0.02 mm
Thickness, insulation >= 0.23 mm (Core insulation)
>= 0.76 mm (Outer cable sheath)
Wire colors Brown, white, blue, black, gray
Overall twist 5 wires around filler to the core
Shielding Tinned copper braided shield
Optical shield covering 85 %
External sheath, color gray RAL 7001
External cable diameter D 5.9 mm ±0.2 mm
Cable weight 55 kg/km
Outer sheath, material PVC
Material, filler PVC
Material conductor insulation PVC
Conductor material Bare Cu litz wires
Insulation resistance >= 1 G?*km (at 20 °C)
Conductor resistance max. 58 ?/km (at 20 °C)
Nominal voltage, cable <= 300 V
Test voltage, cable >= 3000 V
Flame resistance As per UL-Style 2464
Ambient temperature (operation) -25 °C ... 80 °C (cable, fixed installation)
-5 °C ... 80 °C (cable, flexible installation)
Environmental Product Compliance
China RoHS Environmentally friendly use period: unlimited = EFUP-e
No hazardous substances above threshold values
Classifications
eCl@ss
eCl@ss 6.0 27279200
eCl@ss 7.0....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P- 0,5-500/M12FS SH BK 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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