

INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/ 8,0-PVC/M12FR 1447235 PHOENIX CONTACT

Sensor/actuator cable, 4-pos., PVC, RAL 7021 (black-gray)..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/ 8,0-PVC/M12FR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/ 8,0-PVC/M12FR
Catalog number	1447235
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
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Product Overview

Sensor/actuator cable, 4-pos., PVC, RAL 7021 (black-gray), straight M12 male plug, A-coded, to angled M12 female plug, A-coded, cable length: 8.0 m

Sensor/actuator cable, 4 poles, PVC, greyish black RAL 7021, straight male connector M12, coded A, in angled female M12, coded A, cable length: 8.0 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

Key Commercial Data

Orderkey 1447235

Packing unit 1

GTIN 4046356661355

Custom tariff number 85444290

Drawings

General

Environmental Product Compliance

Ambient conditions

Cable

Classifications

Drawings

Cable cross section
PVC black [PVC]
[Back to top](#)Ambient conditions
Degree of protection IP65
IP67
[Back to top](#)General
Rated current at 40°C 4 A
Rated voltage 250 V AC
250 V DC
Overvoltage category II
Degree of pollution 3
Torque 0.4 Nm
[Back to top](#)Cable
Cable type PVC black
Cable type (abbreviation) PVC
Cable abbreviation LiYY
UL AWM style 2464 / 1729 (80°C/300 V)
Conductor cross section 4x 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
Overall twist 4 wires, twisted
External sheath, color black RAL 9005
Outer sheath thickness ≥ 0.76 mm
External cable diameter D 4.7 mm ±0.15 mm
Minimum bending radius, fixed installation 5 x D
Minimum bending radius, flexible installation 10 x D
Cable weight 40 kg/km
Outer sheath, material PVC
Material conductor insulation PVC
Conductor material Bare Cu litz wires
Insulation resistance ≥ 200 MΩ·km (at 20 °C)
Conductor resistance ≤ 57 Ω/km (at 20 °C)
Nominal voltage, cable ≤ 300 V
Test voltage, cable ≥ 3000 V
Flame resistance As per UL-Style 2464
Resistance to oil according to DIN EN 60811-2-1, 168 h at 60 °C
Ambient temperature (operation) -40 °C ... 80 °C (cable, fixed in...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/ 8,0-PVC/M12FR 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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