INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/ 5,0-186 1509458 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/ 5,0-186



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/ 5,0-186
Catalog number	1509458
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-BC46AE288E
Generated	2026-11-19

Product Overview

Sensor/actuator cable
Sensor/actuator cable, 4-pole, PUR, grayish black RAL 7021, Straight male connector M12, coding: A, to free cable end, cable length: 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

Key Commercial Data
Orderkey 1509458
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 12 (PC-2005)
GTIN 4017918899097
Weight per Piece (excluding packing) 290.700 g
Custom tariff number 85444290
Country of origin PL (Poland)
Dimensions
Length of cable 5 m
Stripping length of the free conductor end 50 mm
Ambient conditions

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)
Degree of protection IP65
IP67
IP68
General
Rated current at 40°C 4 A
Rated voltage 250 V AC
250 V DC
Number of positions 4
Insulation resistance >= 100 M?
Coding A - standard
Status display No
Protective circuit/component unwired
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles >= 100
Torque 0.4 Nm (M12 connector)
Material
Flammability rating according to UL 94 HB
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material of grip body TPU, hardly inflammable, self-extinguishing
Material, knurls Zinc die-cast, nickel-plated
Standards and Regulations
Flammability rating according to UL 94 HB
Cable
Cable type PUR POWER 0.75 mm² black
Cable type (abbreviation) 186
Cable abbreviation LiY11Y
UL AWM style 20549 / 1061 (80°C/300 V)
Conductor cross section 4x 0.75 mm² (power line)
AWG signal line 18
Conductor structure signal line 42x 0.15 mm
Core diameter including insulation 1.75 mm ±0.05 mm
Thickness, insulation >= 0.23 mm (Core insulation)
>= 0.76 mm (Outer cable sheath)
Wire colors brown, white, blue, black
Overall twi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/ 5,0-186 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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