INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/3,0-PUR/M 8FS SH 1416288 PHOENIX CONTACT Sensor/actuator cable SAC-4P-M12MS/3,0-PUR/M 8FS SH 14..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/3,0-PUR/M 8FS SH

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/3,0-PUR/M 8FS SH
Catalog number	1416288
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-7FDFBE3077
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-4P-M12MS/3,0-PUR/M 8FS SH - 1416288
Sensor/actuator cable, 4-pole, halogen-free PUR, greyish black RAL 7021, shielded, M12 straight male connector, coding: coded A, a Straight connection female M8, coding: coded A, cable length: 3 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, 4-position, PUR halogen-free, black-gray RAL 7021, shielded, Plug straight M12, A-coded, on Socket straight M8, A-coded, cable length: 3 m
Key Commercial Data
Orderkey 1416288
Packing unit 1
GTIN 4055626067544
Custom tariff number 85444290
Dimensions
Length of cable 3 m
Stripping length of the free conductor end 50 mm
Ambient conditions

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)
General
Rated current at 40°C 4 A
Rated voltage 48 V AC
60 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
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
Sealing material NBR
Standards and Regulations
Flammability rating according to UL 94 HB
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation LiF9YC11Y
UL AWM style 20549
Conductor cross section 4x 0.25 mm² (Signal line)
AWG signal line 24
Conductor structure signal line 32x 0.10 mm
Core diameter including insulation 1.17 mm ±0.02 mm (Signal line)
Thickness, insulation >= 0.21 mm (Core insulation)
approx. 0.5 mm (Outer cable sheath)
Wire colors brown, white, blue, black
Overall twist 4 wires, twisted
Shielding B...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/3,0-PUR/M 8FS SH 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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