INDUSTRIAL COMPONENT DATA

SAC-6P-M8MS/3,7-PUR/M8FS OBS 1415744 PHOENIX CONTACT Sensor/actuator cable SAC-6P-M8MS/3,7-PUR/M8FS OBS 1415..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P-M8MS/3,7-PUR/M8FS OBS

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-6P-M8MS/3,7-PUR/M8FS OBS
Catalog number	1415744
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-EB10C58A61
Generated	2026-11-18

Product Overview

Sensor/actuator cable - SAC-6P-M8MS/3,7-PUR/M8FS OBS - 1415744
Sensor/actuator cable, 6-pole, halogen-free PUR, greyish black RAL 7021, M8 straight male connector, to M8 straight connection female, cable length: 3.7 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, 6-position, PUR halogen-free, black-gray RAL 7021, Plug straight M8, on Socket straight M8, cable length: 3.7 m
Key Commercial Data
Orderkey 1415744
Packing unit 1
GTIN 4055626049625
Custom tariff number 85444290
Dimensions
Length of cable 3.7 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 1.5 A
Rated voltage 30 V AC
30 V DC
Number of positions 6
Insulation resistance >= 100 M?
Coding A - standard
Standards/regulations M8 connector IEC 61076-2-104
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 CuZn
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
Standard designation M8 connector
Standards/regulations IEC 61076-2-104
Flammability rating according to UL 94 HB
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation Li9Y11Y
Conductor cross section 6x 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
Thickness, insulation >= 0.21 mm (Core insulation)
Wire colors brown, white, blue, black, gray, pink
Overall twist Six core...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P-M8MS/3,7-PUR/M8FS OBS 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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