INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/ 5,0-BF145 1409762 PHOENIX CONTACT Sensor/actuator cable SAC-4P-M12MS/ 5,0-BF145 1409762

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/ 5,0-BF145

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/ 5,0-BF145
Catalog number	1409762
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-CB01A3EE66
Generated	2026-11-18

Product Overview

Sensor/actuator cable - SAC-4P-M12MS/ 5,0-BF145 - 1409762
Sensor/actuator cable, halogen-free POC, irradiation cross-linked, black RAL 9005, M12 straight male connector, coding: A-encoded, 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

Sensor/actuator cable, POC halogen-free, irradiated, black RAL 9005, Plug straight M12, A-coded, on free cable end, cable length: 5 m
Key Commercial Data
Orderkey 1409762
Packing unit 1
GTIN 4046356881296
Custom tariff number 85444290
Dimensions
Length of cable 5 m
Ambient conditions
Degree of protection IP65
IP67
General

Rated current at 40°C 4 A
Rated voltage 250 V AC
250 V DC
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles >= 100
Torque 0.4 Nm
Cable
Cable type POC irradiated halogen-free black
Cable type (abbreviation) BF 145
Conductor cross section 4x 0.75 mm²
AWG signal line 18
Core diameter including insulation 2.2 mm
Wire colors black 1, black 2, black 3, black 4
Overall twist 4 wires around filler to the core
External sheath, color black RAL 9005
External cable diameter D 6.9 mm
Minimum bending radius, fixed installation 4 x D
Minimum bending radius, flexible installation 8 x D
Cable weight 75 kg/km
Outer sheath, material POC
Material conductor insulation POC
Conductor material Tin-plated Cu litz wires
Nominal voltage, cable 300 V
Test voltage, cable 3500 V
Special properties Irradiated
Flame resistance according to IEC 60332-1
according to EN 50265-2-1
Halogen-free according to IEC 60754-1
According to EN 50267-2-1
Concentration of fumes in accordance with IEC 61034
EN 50268-2
Ambient temperature (operation) -55 °C ... 145 °C (cable, fixed installation)
-35 °C ... 120 °C (cable, flexible installation)
Classifications
eCl@ss
eCl@ss 4.0 270603...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/ 5,0-BF145 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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