INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/ 1,5-BF145 1070185 PHOENIX CONTACT Sensor/actuator cable SAC-4P-M12MS/ 1,5-BF145 1070185

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/ 1,5-BF145

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/ 1,5-BF145
Catalog number	1070185
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-D9E5B0F2A5
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-4P-M12MS/ 1,5-BF145 - 1070185
Sensor/actuator cable, halogen-free POC, irradiation cross-linked, black RAL 9005, shielded, M12 straight male connector, coding: A, to free cable end, cable length: 1 m
Sensor/actuator cable, POC halogen-free, irradiated, black RAL 9005, shielded, Plug straight M12, coding: A, on free cable end, cable length: 1 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

Technical dataProduct propertiesProduct type Sensor/actuator cable
Shielded no
Insulation characteristics
Overvoltage category II
Degree of pollution 3
Material specificationsSeal material NBR
Material of grip body TPU, hardly inflammable, self-extinguishing
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material for screw connection Zinc die-cast, nickel-plated

Electrical propertiesNominal voltage UN 250 V AC
250 V DC
Nominal current IN 4 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
Connection dataConductor connection
Tightening torque 0.4 Nm
ConnectorConnection 1
Type Plug straight M12
Coding type A
Connection 2
Type free cable end
Cable/lineCable length 1 m
POC irradiated halogen-free black [BF 145]
Cable weight 75 kg/km
Number of positions 4
Shielded no
Cable type POC irradiated halogen-free black [BF 145]
AWG signal line 18
Conductor cross section 4x 0.75 mm²
Wire diameter incl. insulation 2.2 mm
External cable diameter 6.90 mm
Outer sheath, material POC
External sheath, color black RAL 9005
Conductor material Tin-plated Cu litz wires
Material wire insulation POC
Single wire, color black 1, black 2, black 3, black 4
Overall twist 4 wires around filler to the core
Nominal voltage, cable 300 V
Test voltage 3500 V
Minimum bending radius, fixed installation 4 x D
Minimum bending radius, flexible installation 8 x D
Smallest bending radius, fixed installation 28 mm
Smallest bending radius, movable installation....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/ 1,5-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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