INDUSTRIAL COMPONENT DATA

SAC-5P-1,3-BF145/M12FS SH 1403754 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-1,3-BF145/M12FS SH

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-1,3-BF145/M12FS SH
Catalog number	1403754
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-7E2EB0481D
Generated	2026-11-18

Product Overview

Sensor/actuator cable
Sensor/actuator cable, halogen-free POC, irradiation-cross-linked, black RAL 9005, shielded

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 1403754
Packing unit 1 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
GTIN 4046356666411
Weight per Piece (excluding packing) 124.700 g
Custom tariff number 85444290
Country of origin PL (Poland)
General
Rated voltage 48 V AC
60 V DC
Cable
Cable type POC irradiated halogen-free black

Cable type (abbreviation) BF 145
Conductor cross section 5x 0.5 mm²
AWG signal line 20
Core diameter including insulation 1.9 mm
Wire colors black 1, black 2, black 3, black 4, black 5
Overall twist 5 wires around filler to the core
Shielding Tinned copper braided shield
External sheath, color black RAL 9005
External cable diameter D 7.3 mm
Minimum bending radius, fixed installation 4 x D
Minimum bending radius, flexible installation 12 x D
Number of bending cycles 2000000
Minimum bending radius, drag chain applications 10 x D
Traversing path 5 m
Traversing rate 4 m/s
Acceleration 5 m/s²
Cable weight 86 kg/km
Outer sheath, material POC
Material conductor insulation POC
Conductor material Tin-plated Cu litz wires
Nominal voltage, cable 300 V
Test voltage Core/Core 3500 V
Test voltage Core/Shield 2500 V
Special properties Irradiated
Flame resistance IEC 60332-1
According to DIN EN 50265-2-1
Halogen-free according to IEC 60754-1
in accordance with DIN EN 50267-2-1
Other resistance Good resistance to aggressive media
Concentration of fumes in accordance with IEC 61034
EN 50268-2
Ambient temperature (operation) -55 °C ... 145 °C (cable, fixed installa...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-1,3-BF145/M12FS 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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