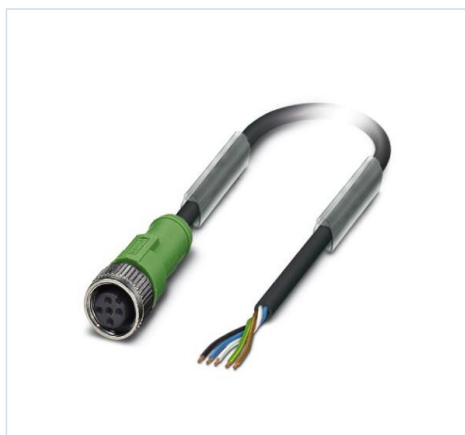


INDUSTRIAL COMPONENT DATA

SAC-5P-10,0-BF145/M12FS SH NC 1405343 PHOENIX CONTACT Sensor/actuator cable, 5-pos., free cable end to strai..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-10,0-BF145/M12FS SH NC



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-10,0-BF145/M12FS SH NC
Catalog number	1405343
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-94FBF88707
Generated	2026-08-05

Product Overview

Sensor/actuator cable, 5-pos., free cable end to straight M12 socket, A-coded, cable length: 10 m
 Sensor/actuator cable, 5 poles, free cable end, to M12 straight connection female, codif. A, cable length: 10 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)
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Additional Product Information

Key Commercial Data

Orderkey 1405343

Packing unit 1

GTIN 4046356740647

Custom tariff number 85444290

Drawings

Ambient conditions

Cable

Classifications

Dimensions

General

Environmental Product Compliance

Drawings

Dimensional drawing

M12 x 1 socket, straight

Circuit diagram

Contact assignment of the M12 socket

Schematic diagram

Pin assignment M12 socket, 5-pos., A-coded, socket side view

[Back to top](#)Dimensions

Length of cable 10 m

[Back to top](#)Ambient conditions

Degree of protection IP65

IP67

[Back to top](#)General

Rated voltage 48 V AC

60 V DC

Number of positions 5

Insulation resistance $\geq 100 \text{ M}\Omega$

Coding A - standard

Status display No

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles ≥ 100

[Back to top](#)Cable

Cable type POC irradiated halogen-free black

Cable type (abbreviation) BF 145

Conductor cross section $5 \times 0.5 \text{ mm}^2$

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 $4 \times D$

Minimum bending radius, flexible installation $12 \times D$

Number of bending cycles 2000000

Minimum bending radius, drag chain applications $10 \times D$

Traversing path 5 m

Traversing rate 4 m/s

Acceleration 5 m/s^2

Cable weight 86 kg/km

Outer sheath, material POC

Material conductor insulation POC

Conductor material Tin-plated Cu litz wires

No...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-10,0-BF145/M12FS SH NC 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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