

**INDUSTRIAL COMPONENT DATA**

# SAC-5P- 3,0-BF145/M12FS SH NC 1408775 PHOENIX CONTACT Sensor/actuator cable SAC-5P- 3,0-BF145/M12FS SH NC 14..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-3,0-BF145/M12FS SH NC



|                 |                              |
|-----------------|------------------------------|
| Manufacturer    | PHOENIX CONTACT              |
| MPN / Reference | SAC-5P-3,0-BF145/M12FS SH NC |
| Catalog number  | 1408775                      |
| Category        | Sensor-actuator patch cord   |
| Minimum order   | 50 Pcs                       |
| Document ID     | EO-D19EDADDE1                |
| Generated       | 2026-08-05                   |

## Product Overview

Sensor/actuator cable - SAC-5P- 3,0-BF145/M12FS SH NC - 1408775

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

Sensor/actuator cable, POC halogen-free, irradiated, black RAL 9005, shielded

Key Commercial Data

Orderkey 1408775

Packing unit 1

GTIN 4046356833226

Custom tariff number 85444290

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 mm<sup>2</sup>  
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/s<sup>2</sup>  
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 installation)  
-35 °C ... 120 °C (cable, flexible installation)  
Classificati...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-3,0-BF145/M12FS SH NC with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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