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-5875F1DBBD
Generated	2026-11-18

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)

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 topDimensions
Length of cable 10 m
Back to topAmbient conditions
Degree of protection IP65
IP67
Back to topGeneral
Rated voltage 48 V AC
60 V DC
Number of positions 5
Insulation resistance >= 100 M?
Coding A - standard
Status display No
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles >= 100
Back to topCable
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
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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.