

INDUSTRIAL COMPONENT DATA

SAC-5P-10,0-515/M12FS VA BK 1401757 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-10,0-515/M12FS VA BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-10,0-515/M12FS VA BK
Catalog number	1401757
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-D1915AA6F3
Generated	2026-08-05

Product Overview

Sensor/actuator cable

Sensor/Actuator Cable, 5-Pole, PVC, Black RAL 9005, Free Cable End, to Straight Connecting Female M12, Coding: 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 1401757

Packing unit 1

GTIN 4046356572262

Custom tariff number 85444290

Dimensions

Length of cable 10 m

General

Rated voltage 48 V AC

60 V DC

Number of positions 5

Coding A - standard

Insertion/withdrawal cycles >= 100

Cable

Cable type PVC black 5th conductor gray

Cable type (abbreviation) 515

Cable abbreviation LiYY

UL AWM style 2464 / 1729 (80°C/300 V)

Conductor cross section 5x 0.34 mm² (Signal line)

AWG signal line 22

Conductor structure signal line 42x 0.10 mm

Core diameter including insulation 1.45 mm ±0.02 mm

Thickness, insulation ≥ 0.23 mm (Core insulation)

≥ 0.76 mm (Outer cable sheath)

Wire colors Brown, white, blue, black, gray

Overall twist 5 wires around filler to the core

Length of twist, overall twist 60 mm

External sheath, color black RAL 9005

External cable diameter D 5.9 mm ±0.15 mm

Minimum bending radius, fixed installation 5 x D

Minimum bending radius, flexible installation 10 x D

Cable weight 52 kg/km

Outer sheath, material PVC

Material, filler PP yarn

Material conductor insulation PVC

Conductor material Bare Cu litz wires

Insulation resistance ≥ 100 M[?]·km (at 20 °C)

Conductor resistance ≤ 58 [?]/km (at 20 °C)

Nominal voltage, cable ≤ 300 V AC

Test voltage, cable ≥ 3000 V AC

Flame resistance According to UL 758/1581 (Cable Flame)

according to UL 758/1581 FT1

According to DIN EN 60332-1-2 (60 s)

Resistance to oil according to DIN EN 60811-2-1, 168 h at 60 °C

Ambient temperature (operation) -40 °C ... 80 °C (cable, fixed installat...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-10,0-515/M12FS VA BK 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.