

INDUSTRIAL COMPONENT DATA

SAC-5P-100,0-115/0,25 1413443 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-100,0-115/0,25



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-100,0-115/0,25
Catalog number	1413443
Category	Data cable
Minimum order	1 Pcs
Document ID	EO-B122F70665
Generated	2026-08-06

Product Overview

Sensor/actuator cable

By meters, Cable ring, halogen-free PUR, grayish black RAL 7021, 5-conductors, color single conductors: Brown, white, blue, black, gray, cable length: 100 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 1413443

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4046356997324

Weight per Piece (excluding packing) 2,825.000 g

Custom tariff number 85444995

Country of origin DE (Germany)

Dimensions

Length of cable 100 m

General

Number of positions 5

Cable

Cable type PUR halogen-free black
Cable type (abbreviation) 115
Cable abbreviation Li9Y11Y
UL AWM style 20549
Conductor cross section 0.25 mm²
AWG signal line 24
Conductor structure signal line 32x 0.10 mm
Core diameter including insulation 1.17 mm ±0.02 mm
Thickness, insulation approx. 0.21 mm (Core insulation)
approx. 0.7 mm (Outer cable sheath)
Wire colors Brown, white, blue, black, gray
Overall twist 5 cores, twisted
Length of twist, overall twist 75 mm
External sheath, color black-gray RAL 7021
External cable diameter D 4.7 mm ±0.15 mm
Smallest bending radius, fixed installation 23.5 mm
Smallest bending radius, movable installation 47 mm
Number of bending cycles 4000000
Bending radius 47 mm
Traversing path 10 m
Traversing rate 3 m/s
Acceleration 10 m/s²
Cable weight 30 kg/km
Outer sheath, material PUR
Material, filler PP
Material conductor insulation PP
Conductor material Bare Cu litz wires
Insulation resistance $\geq 1 \text{ G}\Omega\cdot\text{km}$
Conductor resistance $\leq 75 \text{ }\Omega/\text{km}$
Nominal voltage, cable $\leq 300 \text{ V (AC)}$
Test voltage, cable $\geq 3000 \text{ V (AC)}$
Flame resistance according to UL 758/1581 (horizontal)
in accordance with UL 758/1581 FT2
Halogen-free in accordance with DIN VDE 0472 part 815
in accordance with DIN E...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-100,0-115/0,25 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.