

INDUSTRIAL COMPONENT DATA

SAC-3P-100,0-800/0,34 1566242 PHOENIX CONTACT Cable reel

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-100,0-800/0,34



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-100,0-800/0,34
Catalog number	1566242
Category	Data and communication cable
Minimum order	1 Pcs
Document ID	EO-9AC2CADB74
Generated	2026-08-05

Product Overview

Cable reel

By meters, Cable ring, halogen-free PUR, gray RAL 7001, 3-conductors, color single conductors: brown, blue, black, cable length: 100 m, highly flexible, resistant to welding sparks

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 1566242

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4046356327183

Weight per Piece (excluding packing) 2,757.000 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 100 m

General

Number of positions 3

Cable

Note Due to the extremely robust outer sheath, this cable should only be stripped in 5 cm increments.

Cable type Gray, highly flexible PUR

Cable type (abbreviation) 800

Cable abbreviation Li12Y11Y-HF

UL AWM style 20233

Conductor cross section 3x 0.34 mm² (Signal line)

AWG signal line 22

Conductor structure signal line 42x 0.10 mm

Core diameter including insulation 1.3 mm ±0.05 mm (Signal line)

Wire colors brown, blue, black

Overall twist 3 wires, twisted

External sheath, color gray RAL 7001

External cable diameter D 4.5 mm ±0.2 mm

Minimum bending radius, fixed installation 4 x D

Minimum bending radius, flexible installation 7.5 x D

Number of bending cycles 10000000

Minimum bending radius, drag chain applications 7,5 x D

Traversing path 5 m

Traversing rate 3.3 m/s

Acceleration 5 m/s²

Number of bending cycles 15000000

Bending radius 50 mm

Traversing path 0.9 m

Traversing rate 5 m/s

Acceleration 30 m/s²

Torsion force ± 360 °/m (1 000 000 torsion cycles)

Cable weight 28.3 kg/km

Outer sheath, material PUR

Material conductor insulation PES

Conductor material Bare Cu litz wires

Insulation resistance ≥ 20 MΩ·km

Conductor resistance approx. 53 Ω/km

Nominal voltage, cable 300 V

Test voltage, cable 200...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-100,0-800/0,34 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.