INDUSTRIAL COMPONENT DATA

SAC-3P- 3,5-116/A 1012981 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P- 3,5-116/A



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P- 3,5-116/A
Catalog number	1012981
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-5141FD0C3C
Generated	2026-11-18

Product Overview

Sensor/actuator cable

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 1012981
Packing unit 1
GTIN 4055626491622
Custom tariff number 85444290
Dimensions
Length of cable 3.5 m
Ambient conditions
Degree of protection IP65
IP67
General
Rated current at 40°C 6 A
Rated voltage 230 V AC
230 V DC
Number of positions 3

Standards/regulations Valve connector EN 175301-803
Status display No
Protective circuit/component unwired
Overvoltage category III
Degree of pollution 3
Torque 0.6 Nm
Material
Flammability rating according to UL 94 V0
Valve plug contact material CuSn
Valve plug contact surface material Sn
Valve plug contact insert material PA 6.6
Material housing valve plug TPU
Sealing material TPU (Seal molded)
Standards and Regulations
Standard designation Valve connector
Standards/regulations EN 175301-803
Flammability rating according to UL 94 V0
Cable
Cable type PUR/PVC, 0.75 mm², black
Cable type (abbreviation) 116
Cable abbreviation LiYY11Y
UL AWM style 20549
Conductor cross section 3x 0.75 mm²
AWG signal line 18
Conductor structure signal line 24x 0.20 mm
Core diameter including insulation 1.7 mm ±0.05 mm
Wire colors black 1, black 2, green/yellow
Overall twist 3 wires, twisted
External sheath, color black RAL 9005
External cable diameter D 5.8 mm ±0.2 mm
Minimum bending radius, flexible installation 10 x D
Number of bending cycles 1000000
Traversing rate 2 m/s
Acceleration 2.5 m/s²
Outer sheath, material PUR
Material, inner sheath PVC
Material conductor insulation PVC
Conductor material Bare Cu litz wires
Insulatio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P- 3,5-116/A 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

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