INDUSTRIAL COMPONENT DATA

SAC-8P-500,0-285/SH-0,25 1030111 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-500,0-285/SH-0,25



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-500,0-285/SH-0,25
Catalog number	1030111
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-37638EF916
Generated	2026-11-19

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 1030111
Packing unit 1
GTIN 4055626533773
Custom tariff number 85444995
Dimensions
Length of cable 500 m
General
Number of positions 8
Standards and Regulations
Resistance to oil very good oil and chemical resistance
Other resistance ozone and UV resistant
Low adhesion
abrasion-resistant
Cable

Cable type PUR, gray, shielded
Cable type (abbreviation) 285
Cable abbreviation Li12YC11Y-HF
Conductor cross section 4x 2x 0.25 mm² (Signal line)
1x 0.25 mm² (Drain wire)
AWG signal line 24
Conductor structure signal line 32x 0.10 mm
Wire colors white-brown, green-yellow, gray-pink, blue-red
Twisted pairs 2 cores to the pair
Overall twist 4 pairs for core
Shielding Tinned copper braided shield
Optical shield covering 85 %
External sheath, color gray RAL 7001
External cable diameter D 7.6 mm ±0.2 mm
Minimum bending radius, flexible installation 7.5 x D
Number of bending cycles 3000000
Bending radius 100 mm
Traversing path 1.2 m
Traversing rate 1.4 m/s
Acceleration 2 m/s²
Outer sheath, material PUR
Material conductor insulation PES
Conductor material Bare Cu litz wires
Insulation resistance >= 100 M?*km
Nominal voltage, cable 350 V
Test voltage, cable 1200 V
Resistance to oil very good oil and chemical resistance
Other resistance ozone and UV resistant
Low adhesion
abrasion-resistant
notch tough
Ambient temperature (operation) -50 °C ... 80 °C (cable, fixed installation)
-40 °C ... 80 °C (cable, flexible installation)
Environmental Product Compliance
China RoH...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-500,0-285/SH-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

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