INDUSTRIAL COMPONENT DATA

SAC-8P-MR/ 3,0-285/FR SH SCO 1403485 PHOENIX CONTACT Sensor/actuator cable SAC-8P-MR/ 3,0-285/FR SH SCO 1403..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-MR/ 3,0-285/FR SH SCO

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-MR/ 3,0-285/FR SH SCO
Catalog number	1403485
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-6011F2BFB6
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-8P-MR/ 3,0-285/FR SH SCO - 1403485
Sensor/actuator cable, PUR, highly flexible, grey RAL 7001, shielded, cable length: 3 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

Sensor/actuator cable, PUR, highly flexible, gray RAL 7001, shielded, cable length: 3 m
Key Commercial Data
Orderkey 1403485
Packing unit 1
GTIN 4046356655682
Custom tariff number 85444290
Dimensions
Length of cable 3 m
General
Rated voltage 30 V AC
30 V DC
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
REACh SVHC
Lead 7439-92-1
China RoHS Environmentally Friendly Use Per...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-MR/ 3,0-285/FR SH SCO 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.