INDUSTRIAL COMPONENT DATA

SAC-8P-1,5-285/M12FR SH 1105483 PHOENIX CONTACT Sensor/actuator cable, 8-position, PUR, highly flexible, gra..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-1,5-285/M12FR SH

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-1,5-285/M12FR SH
Catalog number	1105483
Category	Sensor-actuator patch cord
Minimum order	100 Pcs
Document ID	EO-A57AFF940D
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 8-position, PUR, highly flexible, gray RAL 7001, shielded, Socket angled M12, A-coded, on free cable end, cable length: 1.5 m
Sensor/actuator cable, 8-pole, PUR, highly flexible, grey RAL 7001, shielded, Elbowed connection female M12, coding: A, to free cable end, cable length: 1.5 m
Sensor/actuator cable, 8-position, PUR, highly flexible, gray RAL 7001, shielded, free cable end, on Socket angled M12, coding: A, cable length: 1.5 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

Technical dataProduct propertiesProduct type Sensor/actuator cable
Number of positions 8
Shielded yes
Insulation characteristics
Overvoltage category II
Degree of pollution 3
Electrical propertiesNominal voltage UN 30 V AC
30 V DC
Nominal current IN 2 A
Connection dataConductor connection

Tightening torque 0.4 Nm
ConnectorConnection 1
Type free cable end
Connection 2
Type Socket angled M12
Number of positions 8
Coding type A
Cable/lineCable length 1.5 m
PUR, gray, shielded [285]
Dimensional drawing
Number of positions 8
Shielded yes
Cable type PUR, gray, shielded [285]
Conductor structure signal line 32x 0.10 mm
AWG signal line 24
Conductor cross section 4x 2x 0.25 mm² (Signal line)
1x 0.25 mm² (Drain wire)
External cable diameter 7.60 mm ±0.2 mm
Outer sheath, material PUR
External sheath, color gray RAL 7001
Conductor material Bare Cu litz wires
Material wire insulation PES
Single wire, color white-brown, green-yellow, gray-pink, blue-red
Twisted pairs 2 cores to the pair
Overall twist 4 pairs for core
Optical shield covering 85 %
Insulation resistance >= 100 M?*km
Nominal voltage, cable 350 V
Test voltage 1200 V
Minimum bending radius, flexible installation 7.5 x D
Smallest bending radius, movable installation 57 mm
Dynamic load capacity (bending) Max. bending cycles: 3000000, Bending radius: 100 mm, Traversing path: 1.2 m, Traversing rate: 1.4 m/s, Acceleration: 2 m/s²
Resistance to oil very good oil and chemical resistance
Other resistance Ozone and UV resistant
Low adhes...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-1,5-285/M12FR SH 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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