

INDUSTRIAL COMPONENT DATA

SAC-3P- 5,0-280/M12FR BK 1400359 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-5,0-280/M12FR BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-5,0-280/M12FR BK
Catalog number	1400359
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-F5D2F951D3
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Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole, halogen-free PUR, grey RAL 7001, free cable end, to Elbow connection female M12, coding: A, cable length: 5 m

Sensor/actuator cable, 3-position, PUR halogen-free, gray RAL 7001, free cable end, on Socket angled M12, coding: A, cable length: 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)
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Additional Product Information

Technical dataProduct propertiesProduct type Sensor/actuator cable

Number of positions 3

No. of cable outlets 1

Coding A

Insulation characteristics

Overvoltage category II

Degree of pollution 3

Material specificationsFlammability rating according to UL 94 HB

Seal material NBR

Material of grip body TPU, hardly inflammable, self-extinguishing

Contact material CuSn

Contact surface material Ni/Au
Contact carrier material TPU GF
Material for screw connection Zinc die-cast, nickel-plated
Electrical propertiesInsulation resistance $\geq 100 \text{ M}\Omega$
Nominal voltage UN 250 V AC
250 V DC
Nominal current IN 4 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles ≥ 100
SignalingStatus display no
Status display present No
Connection dataConductor connection
Tightening torque 0.4 Nm
ConnectorConnection 1
Type free cable end
Connection 2
Type Socket angled M12
Number of positions 3
Coding type A
Cable/lineCable length 5 m
PUR halogen-free gray [280]
Dimensional drawing
Cable weight 23.42 kg/km
UL AWM Style 20549 / 10493 (80°C/300 V)
Shielded no
Cable type PUR halogen-free gray [280]
Conductor structure signal line 42x 0.10 mm
AWG signal line 22
Conductor cross section 3x 0.34 mm² (Signal line)
Wire diameter incl. insulation 1.27 mm $\pm 0.05 \text{ mm}$
External cable diameter 3.95 mm $\pm 0.15 \text{ mm}$
Outer sheath, material PUR
External sheath, color gray RAL 7001
Conductor material Bare Cu litz wires
Material wire insulation PP
Single wire, color brown, blue, black
Thickness, insulation $\geq 0.20 \text{ mm}$
Thicknes...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-5,0-280/M12FR BK 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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