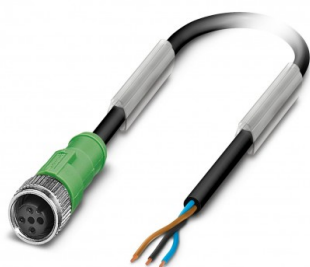


INDUSTRIAL COMPONENT DATA

SAC-3P- 5,0-280/M12FSB OBS 1408561 PHOENIX CONTACT

Sensor/actuator cable SAC-3P- 5,0-280/M12FSB OBS 1408561

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-5,0-280/M12FSB OBS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-5,0-280/M12FSB OBS
Catalog number	1408561
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-7064C06F4C
Generated	2026-08-05

Product Overview

Sensor/actuator cable - SAC-3P- 5,0-280/M12FSB OBS - 1408561

Sensor/actuator cable, 3-pole, halogen-free PUR, grey RAL 7001, free cable end, a Straight connection female M12, coding: B, 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)

Additional Product Information

Sensor/actuator cable, 3-position, PUR halogen-free, gray RAL 7001, free cable end, on Socket straight M12, B-coded, cable length: 5 m

Key Commercial Data

Orderkey 1408561

Packing unit 1

GTIN 4046356817691

Custom tariff number 85444290

Dimensions

Length of cable 5 m

Ambient conditions

Degree of protection IP65

IP67

IP68

General

Rated current at 40°C 4 A

Rated voltage 250 V AC

250 V DC

Number of positions 3

Insulation resistance $\geq 100 \text{ M}\Omega$

Coding B-coded

Standards/regulations M12 connector IEC 61076-2-101

Status display No

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles ≥ 100

Torque 0.4 Nm

Material

Flammability rating according to UL 94 HB

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material TPU GF

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

Material, knurls Zinc die-cast, nickel-plated

Sealing material NBR

Standards and Regulations

Standard designation M12 connector

Standards/regulations IEC 61076-2-101

Halogen-free in accordance with DIN VDE 0472 part 815

Flammability rating according to UL 94 HB

Cable

Cable type PUR halogen-free gray

Cable type (abbreviation) 280

Cable abbreviation Li9Y11Y

UL AWM style 20549

Conductor cross section 0.34 mm^2

AWG signal line 22

Conductor structure signal line $42 \times 0.10 \text{ mm}$

Core diameter including insulation $1.27 \text{ mm} \pm 0.02 \text{ mm}$

Thickness, insulation 0.21 mm (Core insulation)

approx. 0.8 mm (Outer cable sheath)

Wire colors brown, blue, black

Overall twist 3 wires, twisted

Extern...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-5,0-280/M12FSB OBS 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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