

INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/ 0,6-PUR/M12FS D 1696028 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/ 0,6-PUR/M12FS D



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/ 0,6-PUR/M12FS D
Catalog number	1696028
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-04905F3178
Generated	2026-08-06

Product Overview

Sensor/actuator cable

Sensor/actuator cable, 4-pole, M12 straight connector, coding: A, to M12 straight female, coding: A, cable length: 0.6 m, DESINA

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 1696028

Packing unit 1 pc

Catalog page Page 104 (PC-2002)

GTIN 4017918180997

Weight per Piece (excluding packing) 41.500 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 0.6 m

Ambient conditions

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

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 4

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

Coding A - standard

Status display No

Protective circuit/component unwired

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

Flammability rating according to UL 94 HB

Cable

Cable type PUR/PVC yellow

Cable type (abbreviation) 140

Cable abbreviation LiYY-11Y

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 $1.5 \text{ mm} \pm 0.05 \text{ mm}$

Thickness, insulation approx. 0.3 mm (Core insulation)

$\geq 0.38 \text{ mm}$ (Outer cable sheath)

approx. 0.35 mm (Inner sheath)

Wire colors brown, white, blue, black

Overall twist 4 wires, twisted

External sheath, color yellow

External cable diameter $D 5.2 \text{ mm} \pm 0.1 \text{ mm}$

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/ 0,6-PUR/M12FS D 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.