

INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/3,0-PUR/M12FR D 1696086 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/3,0-PUR/M12FR D



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/3,0-PUR/M12FR D
Catalog number	1696086
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-12C495DF8C
Generated	2026-08-06

Product Overview

Sensor/actuator cable

Cable for sensors/actuators, 4-pole, PUR/PVC, yellow, Straight male connector M12, coding: A, to Female layered connection M12, coding: A, cable length: 3 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 1696086

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 104 (PC-2002)

GTIN 4017918181055

Weight per Piece (excluding packing) 132.000 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 3 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
E...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/3,0-PUR/M12FR 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.