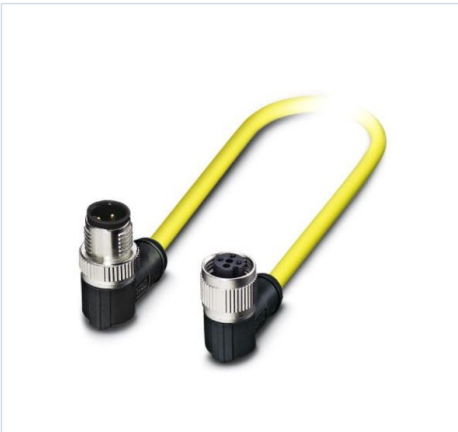


INDUSTRIAL COMPONENT DATA

SAC-3P-MR/ 0,5-547/FR SCO BK 1424920 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MR/ 0,5-547/M12FR BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MR/ 0,5-547/M12FR BK
Catalog number	1424920
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-F8CA7AB7B9
Generated	2026-08-01

Product Overview

Sensor/actuator cable

Sensor/Actuator Cable, 3-pole, PVC, yellow, Angled male connector M12, coding: A, a Angled connection female M12, coding: A, cable length: 0.5 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

Key Commercial Data

Orderkey 1424920

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4055626401928

Weight per Piece (excluding packing) 22.220 g

Custom tariff number 85444290

Country of origin US (United States)

Dimensions

Length of cable 0.5 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 3

Insulation resistance $\geq 10\text{ M}\Omega$

Coding A - standard

Standards/regulations M12 connector IEC 61076-2-101

Status display No

Protective circuit/component unwired

Overvoltage category II

Degree of pollution 3

Torque 0.4 Nm (M12 connector)

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

Flammability rating according to UL 94 HB

Cable

Cable type PVC yellow 105 °C

Cable type (abbreviation) 547

UL AWM style 2517 (105 °C / 300 V)

AWG signal line 18

Conductor structure signal line 41x 0.16 mm

Core diameter including insulation 1.7 mm $\pm 0.03\text{ mm}$

Wire colors brown, blue, black

Overall twist 3 wires, twisted

External sheath, color yellow

External cable diameter D 5.7 mm $\pm 0.2\text{ mm}$

Minimum bending radius, fixed installation 8....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MR/ 0,5-547/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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