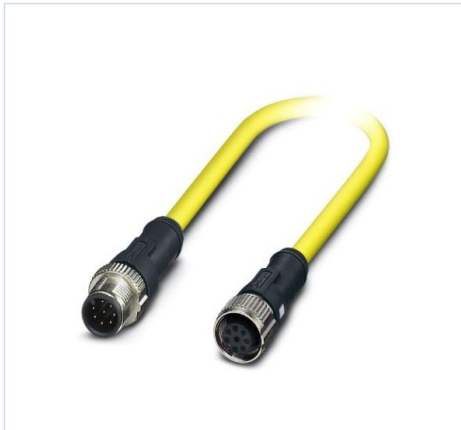


## INDUSTRIAL COMPONENT DATA

# SAC-8P-M12MS/20,0-542/M12FS BK 1417916 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-MS/20,0-542/ FS SCO BK



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | SAC-8P-MS/20,0-542/ FS SCO BK |
| Catalog number  | 1417916                       |
| Category        | Sensor-actuator patch cord    |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-27F6B670A8                 |
| Generated       | 2026-08-03                    |

## Product Overview

Sensor/actuator cable

Sensor/actuator cable, 8-pole, PVC, yellow, M12 straight male connector, coding: A, to Straight connect female M12, coding: A, cable length: 20 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 &gt; Industrial Field Connectivity (IFC)

## Additional Product Information

Key Commercial Data

Orderkey 1417916

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4055626211350

Weight per Piece (excluding packing) 897.000 g

Custom tariff number 85444290

Country of origin US (United States)

Dimensions

Length of cable 20 m

Ambient conditions

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

Degree of protection IP65

IP67

IP68

General

Rated current at 40°C 2 A

Rated voltage 30 V AC

30 V DC

Number of positions 8

Color handle area black

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

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

Insertion/withdrawal cycles  $\geq 100$

Torque 0.4 Nm (M12 connector)

Material

Flammability rating according to UL 94 HB

Contact material CuZn

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) 542

UL AWM style 2517 (105 °C / 300 V)

AWG signal line 24

Conductor structure signal line 32x 1.10 mm

Core diameter including insulation 1.12 mm  $\pm 0.03 \text{ mm}$

Wire colors white, brown, green, yellow, gray, pink, blue, red

Overall twist 8 wires around filler to the core

External....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-MS/20,0-542/ FS SCO BK with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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