

INDUSTRIAL COMPONENT DATA

SAC-HZ-5P-MS/1,5-542/FRSHSCOBK 1409580 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-HZ-5P-MS/1,5-542/FRSHSCOBK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-HZ-5P-MS/1,5-542/FRSHSCOBK
Catalog number	1409580
Category	Sensor-actuator patch cord
Minimum order	10 Pcs
Document ID	EO-A24FAF6235
Generated	2026-08-06

Product Overview

Sensor/actuator cable

Sensor/Actuator Cable, 5-pole, PVC, yellow, shielded, M12 straight male connector, coding: A, to M12 angled connection female, coding: A, cable length: 1.5 m

Sensor/actuator cable, 5-position, PVC, yellow, shielded, Plug straight M12, coding: A, on Socket angled M12, coding: A, cable length: 1.5 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

Technical dataNotesGeneral These cable assemblies are UL/cUL listed for use in Class I, Division 2 (CID2) hazardous locations.

Product propertiesProduct type Sensor/actuator cable

Application U.S. cables for hazardous locations

Number of positions 5

No. of cable outlets 1

Shielded yes

Coding A

Insulation characteristics

Overvoltage category II

Degree of pollution 3

Material specifications Flammability rating according to UL 94 HB

Seal material NBR

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

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material TPU GF

Material for screw connection Zinc die-cast, nickel-plated

Outer sheath, material PVC

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

Nominal voltage UN 48 V AC

60 V DC

Nominal current IN 4 A

Signaling Status display no

Status display present No

Connection data Conductor connection

Tightening torque 0.4 Nm (M12 connector)

Connector Connection 1

Type Plug straight M12

Number of positions 5

Coding type A

Connection 2

Type Socket angled M12

Number of positions 5

Coding type A

Cable/line Cable length 1.5 m

PVC yellow 105 °C [542]

Dimensional drawing

Cable weight 57 kg/km

UL AWM Style 2517 (105 °C / 300 V)

Number of positions 5

Shielded yes

Cable type PVC yellow 105 °C [542]

Conductor structure signal line 30x 1.30 mm

AWG signal line 22

Wire diameter incl. insulation 1.27 mm $\pm 0.03 \text{ mm}$

External cable diameter 5.90 mm $\pm 0.2 \text{ mm}$

Outer sheath, material PVC

External sheath, color yellow

Conductor....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-HZ-5P-MS/1,5-542/FRSHSCOBK 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.