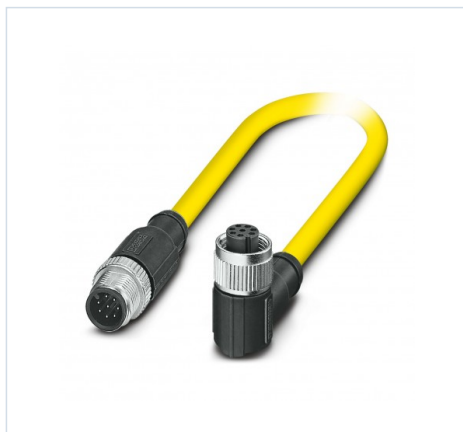


INDUSTRIAL COMPONENT DATA

SAC-8P-MS/0,5-542/ FRSH SCO BK 1406070 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-8P-MS/0,5-542/ FRSH SCO BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-8P-MS/0,5-542/ FRSH SCO BK
Catalog number	1406070
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-D21F93C0A1
Generated	2026-08-06

Product Overview

Sensor/actuator cable

Sensor/Actuator Cable, 8-Pole, PVC, Yellow, Shielded, M12 Straight Male Connector, Coding: A, to M12 Elbow Connection Female, Coding: A, Cable Length: 0.5 m

Sensor/actuator cable, 8-position, PVC, yellow, shielded, Plug straight M12, coding: A, on Socket angled 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)
--------------	---

Additional Product Information

Technical dataProduct propertiesProduct type Sensor/actuator cable

Application Standard, U.S. cables

Number of positions 8

No. of cable outlets 1

Shielded yes

Coding A

Insulation characteristics

Overvoltage category II

Degree of pollution 3

Material specificationsFlammability rating according to UL 94 HB

Seal material NBR

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

Contact material CuZn

Contact surface material Ni/Au

Contact carrier material TPU GF

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

Outer sheath, material PVC

Electrical propertiesInsulation resistance $\geq 100 \text{ M}\Omega$

Nominal voltage UN 30 V AC

30 V DC

Nominal current IN 2 A

Mechanical propertiesMechanical data

Insertion/withdrawal cycles ≥ 100

SignalingStatus display no

Status display present No

Connection dataConductor connection

Tightening torque 0.4 Nm (M12 connector)

ConnectorConnection 1

Type Plug straight M12

Number of positions 8

Coding type A

Connection 2

Type Socket angled M12

Number of positions 8

Coding type A

Cable/lineCable length 0.5 m

PVC yellow 105 °C [542]

Dimensional drawing

Cable weight 58 kg/km

UL AWM Style 2517 (105 °C / 300 V)

Number of positions 8

Shielded yes

Cable type PVC yellow 105 °C [542]

Conductor structure signal line 32x 1.10 mm

AWG signal line 24

Wire diameter incl. insulation 1.12 mm ± 0.03 mm

External cable diameter 6.30 mm ± 0.2 mm

Outer sheath, material PVC

External sheath, color yellow

Conductor material Tin-plated Cu litz wires

Material, filler PP

Ma...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-8P-MS/0,5-542/ FRSH SCO 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

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.