

INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/ 3,0-542/M12FS BK 1417890 PHOENIX CONTACT Sensor/Actuator Cable, 4-pole, PVC, yellow, Straight ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/ 3,0-542/M12FS BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/ 3,0-542/M12FS BK
Catalog number	1417890
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-B5A8234FCF
Generated	2026-08-04

Product Overview

Sensor/Actuator Cable, 4-pole, PVC, yellow, Straight connector M12, coding: A, to Straight female M12, coding: A, cable length: 3 m

Sensor/Actuator Cable, 4-Pole, PVC, Yellow, M12 Straight Male Connector, Coding: A, A M12 Straight Connection Female, Coding: A, Cable Length: 3 m

Sensor/actuator cable, 4-position, PVC, yellow, Plug straight M12, coding: A, on Socket straight M12, coding: A, cable length: 3 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

Number of positions 4

Application Standard, U.S. cables

No. of cable outlets 1

Shielded no

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 Contact resistance $\leq 5 \text{ m}\Omega$
Insulation resistance $\geq 10 \text{ M}\Omega$
Nominal voltage UN 250 V AC
250 V DC
Nominal current IN 4 A
Protective circuit unwired
Mechanical properties Mechanical data
Insertion/withdrawal cycles ≥ 100
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 4
Coding type A
Connection 2
Type Socket straight M12
Number of positions 4
Coding type A
Cable/line Cable length 3 m
PVC yellow 105 °C [542]
Dimensional drawing
Cable weight 36 kg/km
UL AWM Style 2517 (105 °C / 300 V)
Number of positions 4
Shielded no
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 mm $\pm 0.2 \text{ mm}$
Outer sheath, material PVC
External sheath, color yellow
Conductor materia...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/ 3,0-542/M12FS 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.