

INDUSTRIAL COMPONENT DATA

SAC-4P-M12MS/100-28X/FSSHOD HT 1417631 PHOENIX CONTACT Sensor/actuator cable

SAC-4P-M12MS/100-28X/FSSHOD HT ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/100-28X/FSSHOD HT



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MS/100-28X/FSSHOD HT
Catalog number	1417631
Category	Sensor-actuator patch cord
Minimum order	10 Pcs
Document ID	EO-30D4C6D900
Generated	2026-08-06

Product Overview

Sensor/actuator cable - SAC-4P-M12MS/100-28X/FSSHOD HT - 1417631

Sensor/Actuator Cable, 4-Pole, Halogen-Free, PE-X/PE-X, Grey-Black RAL 7021, Shielded, M12 Straight Male Connector, Coding: A, to M12 Straight Connection Female, Coding: A, Cable Length: 100 m, Outdoor Application, with Stainless Steel Knurling

Sensor/actuator cable, 4-position, PE-X/PE-X halogen-free, black-gray RAL 7021, shielded, Plug straight M12, coding: A, on Socket straight M12, coding: A, cable length: 100 m, for outdoor applications, with high-grade steel knurl

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 External areas

Number of positions 4

No. of cable outlets 1

Shielded yes

Coding A

Insulation characteristics

Degree of pollution 3

Material specifications Flammability rating according to UL 94 V0

Seal material FPM

Material of grip body PP

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material PP

Material for screw connection Stainless steel

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

Nominal voltage UN 48 V AC

60 V DC

Nominal current IN 4 A

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 100 m

PE-X black [28X]

Dimensional drawing

Cable weight 74 kg/km

Number of positions 4

Shielded yes

Cable type PE-X black [28X]

Conductor structure signal line 28x 0.15 mm

AWG signal line 20

Conductor cross section 4x 0.5 mm² (Signal line)

Wire diameter incl. insulation 1.6 mm $\pm 0.05 \text{ mm}$ (Signal line)

External cable diameter 6.80 mm $\pm 0.2 \text{ mm}$

Outer sheath, material PE-X

External sheath, color black-gray RAL 7021

Conductor material Bare Cu litz wires

Material wire insulation PE-X

Single wire, color brown, white, blue, black

Thickness, insulation approx. 0.30 mm (C...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/100-28X/FSSHOD HT 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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