

INDUSTRIAL COMPONENT DATA

SAC-4P-20,0-28X/M12FS OD 1416033 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-20,0-28X/M12FS OD



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-20,0-28X/M12FS OD
Catalog number	1416033
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-738D2DAF0A
Generated	2026-08-06

Product Overview

Sensor/actuator cable

Sensor/Actuator Cable, 4-Pole, Halogen-Free PE-X, Grey-Black RAL 7021, Free Cable End, to Straight Connecting Female M12, Coding: A, Cable Length: 20 m, For Outdoor Applications, With Stainless Steel Knurling

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

Key Commercial Data

Orderkey 1416033

Packing unit 1

GTIN 4055626056494

Custom tariff number 85444290

Dimensions

Length of cable 20 m

Ambient conditions

Ambient temperature (operation) -40 °C ... 105 °C (Plug / socket)

-40 °C ... 85 °C (On sudden changes in temperature (according to IEC 60512-11-4))

Degree of protection IP65

IP67

General

Rated current at 40°C 4 A
Rated voltage 250 V AC
250 V DC
Number of positions 4
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 ≥ 100
Torque 0.4 Nm (M12 connector)
Material
Flammability rating according to UL 94 V0
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material PP
Material of grip body PP
Material, knurls Stainless steel
Sealing material FPM
Standards and Regulations
Standard designation M12 connector
Standards/regulations IEC 61076-2-101
Flammability rating according to UL 94 V0
Cable
Cable type PE-X black
Cable type (abbreviation) 28X
Cable abbreviation Li2X2X
Conductor cross section $4 \times 0.5 \text{ mm}^2$ (Signal line)
AWG signal line 20
Conductor structure signal line $28 \times 0.15 \text{ mm}$
Core diameter including insulation $1.6 \text{ mm} \pm 0.05 \text{ mm}$ (Signal line)
Thickness, insulation approx. 0.3 mm (Core insulation)
approx. 0.6 mm (Outer cable sheath)
Wire colors brown, white, blue, black
Overall twist 4 wires, twisted
Length of twist, overall twist 61.6 mm....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-20,0-28X/M12FS OD 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.