INDUSTRIAL COMPONENT DATA

SAC-4P-20,0-547/M12FR BK 1425116 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-20,0-547/M12FR BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-20,0-547/M12FR BK
Catalog number	1425116
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-31339895D0
Generated	2026-11-19

Product Overview

Sensor/actuator cable
Sensor/actuator cable, 4-pole, PVC, yellow, free cable end, to Angled connection female M12, coding: A, cable length: 20 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

Key Commercial Data
Orderkey 1425116
Packing unit 1 pc
Note Made to Order (non-returnable)
GTIN 4055626402444
Weight per Piece (excluding packing) 22.220 g
Custom tariff number 85444290
Country of origin US (United States)
Dimensions
Length of cable 20 m
Ambient conditions
Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)
Degree of protection IP65
IP67

IP68
General
Rated current at 40°C 4 A
Rated voltage 250 V AC
250 V DC
Number of positions 4
Insulation resistance >= 10 M?
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
Torque 0.4 Nm (M12 connector)
Material
Flammability rating according to UL 94 HB
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material of grip body TPU, hardly inflammable, self-extinguishing
Material, knurls Zinc die-cast, nickel-plated
Sealing material NBR
Standards and Regulations
Standard designation M12 connector
Standards/regulations IEC 61076-2-101
Flammability rating according to UL 94 HB
Cable
Cable type PVC yellow 105 °C
Cable type (abbreviation) 547
UL AWM style 2517 (105 °C / 300 V)
AWG signal line 18
Conductor structure signal line 41x 0.16 mm
Core diameter including insulation 1.7 mm ±0.03 mm
Wire colors brown, white, blue, black
Overall twist 4 wires, twisted
External sheath, color yellow
External cable diameter D 6 mm ±0.2 mm
Minimum bending radius, fixed installatio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-20,0-547/M12FR 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

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