INDUSTRIAL COMPONENT DATA

SAC-4P-5,0-B20/M12FR BR-SM 1416257 PHOENIX CONTACT Sensor/actuator cable, 4-position, PVC, gray RAL 7001, So..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-5,0-B20/M12FR BR-SM



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-5,0-B20/M12FR BR-SM
Catalog number	1416257
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-CB3537A2CD
Generated	2026-11-19

Product Overview

Sensor/actuator cable, 4-position, PVC, gray RAL 7001, Socket angled M12, A-coded, on free cable end, cable length: 5 m, Customer version
Sensor/actuator cable, 4-pole, PVC, grey RAL 7001, Elbow connection female M12, coding: A, to free cable end, cable length: 5 m, Customer variant

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 1416257
Packing unit 1
GTIN 4055626177120
Custom tariff number 85444290
Drawings
Ambient conditions
Material
Cable
Dimensions
General
Standards and Regulations

Classifications
Drawings
Dimensional drawing
M12 x 1 socket, angled
Circuit diagram
Contact assignment of the M12 socket
Schematic diagram
Pin assignment M12 socket, 4-pos., A-coded, view female side
Cable cross section
PVC gray [PVC]
Back to topDimensions
Length of cable 5 m
Back to topAmbient conditions
Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)
Degree of protection IP65
IP67
IP68
Back to topGeneral
Rated current at 40°C 4 A
Rated voltage 250 V AC
250 V DC
Number of positions 4
Status display No
Overvoltage category II
Degree of pollution 3
Back to topMaterial
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
Back to topStandards and Regulations
Flammability rating according to UL 94 HB
Back to topCable
Cable type PVC gray
Cable type (abbreviation) PVC
Cable abbreviation LiYY
UL AWM style 2464 / 1729 (80°C/300 V)
Conductor cross section 4x 0.34 mm² (Signal line)
AWG signal line 22
Conductor structure signal line 19x 0.15 mm
Core diameter including insulation 1.26 mm ±0.05 mm
Thickness, insulation >= 0.23 mm (Core insulation)
Wire colors brown, white, blue, blac...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-5,0-B20/M12FR BR-SM 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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