INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/ 2-PUR/M12FS SH 1445020 PHOENIX CONTACT Sensor/actuator cable SAC-5P-M12MS/ 2-PUR/M12FS SHBK 14..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/ 2-PUR/M12FS SHBK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/ 2-PUR/M12FS SHBK
Catalog number	1445020
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-1D5102E2E0
Generated	2026-11-19

Product Overview

Sensor/actuator cable - SAC-5P-M12MS/ 2-PUR/M12FS SHBK - 1445020
Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, shielded, M12 straight male connector, to M12 straight connection female, cable length: 2 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

Sensor/actuator cable, 5-position, PUR halogen-free, black-gray RAL 7021, shielded, Plug straight M12, on Socket straight M12, cable length: 2 m
Key Commercial Data
Orderkey 1445020
Packing unit 1
GTIN 4046356576703
Custom tariff number 85444290
Dimensions
Length of cable 2 m
Ambient conditions
Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

Degree of protection IP65
IP67
General
Rated current at 40°C 4 A
Rated voltage 48 V AC
60 V DC
Number of positions 5
Insulation resistance >= 100 M?
Status display No
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles >= 100
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
Flammability rating according to UL 94 HB
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation LiF9YC11Y
UL AWM style 20549
Conductor cross section 5x 0.34 mm² (Signal line)
AWG signal line 22
Conductor structure signal line 42x 0.10 mm
Core diameter including insulation 1.27 mm ±0.02 mm (Signal line)
Wire colors Brown, white, blue, black, gray
Overall twist 5 wires around filler to the core
Shielding Tinned copper braided shield
Optical shield covering 80 %
External sheath, color black-gray RAL 7021
External cable diameter D 5.25 mm ±0.2 mm
Smallest bend...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/ 2-PUR/M12FS SHBK 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.