INDUSTRIAL COMPONENT DATA

SAC-5P-M12MS/ 2,0-802/M12FS 1454590 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/ 2,0-802/M12FS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MS/ 2,0-802/M12FS
Catalog number	1454590
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-EA5B9A4F73
Generated	2026-11-19

Product Overview

Sensor/actuator cable
Sensor/actuator cable, 5-pole, halogen-free, solder-resistant, highly flexible, grey RAL 7001, Straight connector M12, coding: A, to Straight female M12, coding: A, 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

Key Commercial Data
Orderkey 1454590
Packing unit 1 pc
Note Made to Order (non-returnable)
GTIN 4046356578288
Weight per Piece (excluding packing) 91.000 g
Custom tariff number 85444290
Country of origin PL (Poland)
Dimensions
Length of cable 2 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 48 V AC
60 V DC
Number of positions 5
Insulation resistance >= 100 M?
Coding A - standard
Status display No
Overvoltage category II
Degree of pollution 3
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
Note Due to the extremely robust outer sheath, this cable should only be stripped in 5 cm increments.
Cable type PUR, halogen-free, highly stranded, resistant to welding sparks, gray
Cable type (abbreviation) 802
Cable abbreviation Li12Y11Y-HF
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 1.3 mm ±0.05 mm (Signal line)
Wire colors Black, brown, blue, white, green/yellow
Overall twist 5 wires around filler to the core
External sheath, color gray RAL 7001
External cable diameter D 5.1...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/ 2,0-802/M12FS 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.