INDUSTRIAL COMPONENT DATA

SAC-6P- 5,0-PURMC/M12FR 1407820 PHOENIX CONTACT Master cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P-5,0-PURMC/M12FR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-6P-5,0-PURMC/M12FR
Catalog number	1407820
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-12EBD0E0CC
Generated	2026-11-18

Product Overview

Master cable
M12 connection socket, angled, 6 poles, with main cable attached, for sensor/actuator box with M8 plug-in stations, cable length: 5 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 1407820
Packing unit 1 pc
Catalog page Page 313 (C-2-2017)
GTIN 4046356857482
Weight per Piece (excluding packing) 178.800 g
Custom tariff number 85444290
Country of origin PL (Poland)
Ambient conditions
Ambient temperature (operation) -25 °C ... 80 °C (Plug / socket)
Degree of protection IP65
IP67
IP68

General
Rated voltage 30 V AC
30 V DC
Number of positions 6
Coding A - standard
Standards/regulations M12 connector IEC 61076-2-101
Connection method Fixed connection
Torque 0.4 Nm (M12 connector)
Material
Flammability rating according to UL 94 HB
Contact material CuZn
Contact surface material Ni/Au
Contact carrier material TPU GF
Sealing material NBR
Connection assignment
Slot/position = pin = conductor color 1 / 4 (A) = P = WH
2 / 4 (A) = J = BK
3 / 4 (A) = T = PK
4 / 4 (A) = S = GY
1-4 / 1 (+ 24 V) = A = BN
1-4 / 3 (0 V) = L = BU
Standards and Regulations
Standard designation M12 connector
Standards/regulations IEC 61076-2-101
Flammability rating according to UL 94 HB
Cable
Cable type PUR halogen-free black
Cable type (abbreviation) PUR
Cable abbreviation Li9Y11Y
Conductor cross section 6x 0.25 mm² (Signal line)
AWG signal line 24
Conductor structure signal line 32x 0.10 mm
Core diameter including insulation 1.17 mm ±0.02 mm
Thickness, insulation >= 0.21 mm (Core insulation)
Wire colors brown, white, blue, black, gray, pink
Overall twist Six cores around the filler to the core
External sheath, color black-gray RAL 7021
Outer sheath thickness app...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P-5,0-PURMC/M12FR 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.