INDUSTRIAL COMPONENT DATA

SAC-12P- 5,0-PUR/M16FR 1693720 PHOENIX CONTACT Master cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-12P-5,0-PUR/M16FR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-12P-5,0-PUR/M16FR
Catalog number	1693720
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-03533C0E19
Generated	2026-11-18

Product Overview

Master cable
Main cable, application: sensor/actuator box, connection type: Female M8 Metal, number of plug-in stations: 8, number of poles: 12, occupancy of plug-in stations: single, status indication: No; Main cable connection: M16 plug-in connection, PUR/PVC, cable length: 5 m, shielding: no

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 > Field Device Connectors (FDC)

Additional Product Information

Key Commercial Data
Orderkey 1693720
Packing unit 1 pc
Catalog page Page 313 (C-2-2017)
GTIN 4017918189068
Weight per Piece (excluding packing) 512.700 g
Custom tariff number 85444290
Country of origin DE (Germany)
General
Rated voltage 125 V AC
150 V DC
Number of positions 12

Number of slots 8
Sensor/actuator connection system M8 socket
Ambient conditions
Degree of protection IP67
Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)
-40 °C ... 90 °C (for fixed installation)
-5 °C ... 80 °C (for flexible installation)
Master cable data/connection data
Connection method M16 plug connection
Length of cable 5 m
Cable type Master cable suitable for flexible cable conduit
Signal line cross section 8x 0.34 mm²
AWG signal line 22
Conductor structure signal line 42x 0.10 mm
Power supply cross section 2x 0.75 mm²
AWG power supply 18
Conductor structure, voltage supply 96x 0.10 mm
External diameter 8.7 mm
Max. bending cycles 1500000
Bending radius 100 mm
Traversing path 2 m
Traversing rate 2 m/s
Insulation material
Housing material PUR
Material of contact, master cable side CU alloy
Material of contact surface, master cable side Gold-plated
Material of the contact carrier on the master cable side TPU
Material of threaded sleeve Cu alloy
Material of threaded sleeve surface Nickel-plated
Sealing material NBR
Connection assignment
Slot/position = pin = conductor color 1 / 4 (A) = P = WH
2 / 4 (A) = J = GN
3 / 4 (A) = T = YE
4 / 4 (A) = S = GY
5 / 4 (A) = G = PK
6 / 4 (A) = R....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-12P-5,0-PUR/M16FR 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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