INDUSTRIAL COMPONENT DATA

SAC-12P-10,0-PUR/M16FRX 1260746 PHOENIX CONTACT Main cable, application: Sensor/actuator box, number of plug..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-12P-10,0-PUR/M16FRX



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-12P-10,0-PUR/M16FRX
Catalog number	1260746
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-B6C6B6B2CF
Generated	2026-11-18

Product Overview

Main cable, application: Sensor/actuator box, 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: 10 m, shielding: no, The item does not contain lead according to the RoHS II directive without the exception 6c (Pb< 0.1%)
Main cable
Master cable, application: Sensor/actuator box, connection method: M8 socket, number of slots: 8, number of positions: 12, slot assignment: single, status display: No; master cable connection: M16 plug connection, PUR/PVC, cable length: 10 m, shielding: no, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb

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

Technical dataProduct propertiesProduct type Master cable, assembled
Number of positions 12
Application Sensor/actuator box
Number of slots 8
Electrical propertiesNominal voltage UN 48 V AC
60 V DC
Connection dataConnection method Fixed connection
Cross section AWG (converted acc. to IEC)
SignalingStatus display present No

Material specificationsMaterial PUR
Cu alloy
Seal material NBR
Material of contact, master cable side CU alloy
Material of the contact carrier on the master cable side TPU
Material of contact surface, master cable side gold-plated
Cable/lineCable length 10 m
PUR/PVC black [PUR]
Dimensional drawing
Cable weight 92 kg/km
UL AWM Style 20549
Number of positions 10
Shielded no
Cable type PUR/PVC black [PUR]
Conductor structure signal line 19x 0.15 mm
AWG signal line 22
Conductor cross section 8x 0.34 mm² (Signal line)
2x 0.75 mm² (power line)
Wire diameter incl. insulation 1.3 mm ±0.1 mm (Signal line)
1.8 mm ±0.1 mm (power line)
External cable diameter 7.9 mm ±0.2 mm
Outer sheath, material PUR
External sheath, color black RAL 9005
Conductor material Bare Cu litz wires
Material wire insulation PVC
Single wire, color brown, blue, white, green, yellow, gray, pink, red, black, violet
Inner sheath thickness >= 0.15 mm
Thickness, outer sheath >= 0.38 mm
Overall twist Wires twisted in layers
Nominal voltage, cable 300 V
Test voltage 2000 V
Minimum bending radius, fixed installation 7.5 x D
Minimum bending radius, flexible installation 10 x D
Smallest bending radius, fix...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-12P-10,0-PUR/M16FRX 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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