INDUSTRIAL COMPONENT DATA

RCK-TGUM/BL12/ 5,0PUR-U 1684014 PHOENIX CONTACT Master cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: RCK-TGUM/BL12/ 5,0PUR-U



Manufacturer	PHOENIX CONTACT
MPN / Reference	RCK-TGUM/BL12/ 5,0PUR-U
Catalog number	1684014
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-13ED575255
Generated	2026-11-18

Product Overview

Master cable
M23 connection female, straight, 12 poles, with 5 m main cable, Pin 9 and 10 linked
Master cable, application: Sensor/actuator box, number of positions: 12, slot assignment: single, status display: No; master cable connection: M23 plug connection, PUR/PVC, cable length: 5 m, shielding: no, Alternative product 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 dataNotesNotes on operation The master cable is earmarked for use on the sensor/actuator boxes with an M23 plug-in connection.
Product propertiesProduct type Master cable, assembled
Application Sensor/actuator box
Number of positions 12
Data management status
Article revision 08
Electrical propertiesNominal voltage UN 48 V AC
60 V DC
Connection dataConnection method Fixed connection
SignalingStatus display present No

Material specificationsMaterial Housing PUR
Material of contact, master cable side CU alloy
Material of the contact carrier on the master cable side PA
Material of contact surface, master cable side gold-plated
ConnectorConnection 1
Head design Socket
Head cable outlet straight
Head thread type M16
Cable/lineCable length 5 m
PUR/PVC black [PUR]
Dimensional drawing
Cable weight 107.4 kg/km
UL AWM Style 20549 (80°C/300 V)
Number of positions 11
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)
3x 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 8.50 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, green/yellow, white, green, yellow, gray, pink, red, black, violet
Inner sheath thickness >= 0.15 mm
Thickness, outer sheath >= 0.38 mm
Overall twist....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RCK-TGUM/BL12/ 5,0PUR-U 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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