

## INDUSTRIAL COMPONENT DATA

# RCK-TGUM/BL12/10,0PUR-U 1684027 PHOENIX CONTACT

## Master cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: RCK-TGUM/BL12/10,0PUR-U



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | RCK-TGUM/BL12/10,0PUR-U    |
| Catalog number  | 1684027                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-D07E6C46D9              |
| Generated       | 2026-08-01                 |

### Product Overview

Master cable

M23 connection female, straight, 12 poles, with 10 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: 10 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 specifications  
Material 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  
Connector  
Connection 1  
Head design Socket  
Head cable outlet straight  
Head thread type M23  
Connection 2  
Head design free cable end  
Cable/line  
Cable length 10 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 mm<sup>2</sup> (Signal line)  
3x 0.75 mm<sup>2</sup> (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  
Thickne...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RCK-TGUM/BL12/10,0PUR-U with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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