

# RCK-TGUM/BL12/10,0PUR-U

Order No.: 1684027

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1684027>

Female connector M23, straight, 12-pos., with master cable 10 m

**Commercial data**

EAN	4017918172091
Pack	1 pcs.
Customs tariff	85444290
Weight/Piece	1.199 KG
Catalog page information	Page 128 (PC-2009)

**Product notes**WEEE/RoHS-compliant since:  
05/12/2006

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**Technical data****General data**

Nominal voltage $U_N$	48 V AC
	60 V DC
Number of positions	12
Degree of protection	IP65/IP67
Ambient temperature (operation)	-40 °C ... 125 °C

**Master cable data**

Type of connection	M23 screw locking
Length of cable	10 m
Cable type	Master cable suitable for flexible cable conduit

Signal line cross section	8x 0.34 mm <sup>2</sup>
AWG signal line	22
Conductor structure, signal line	42x 0.10 mm
Power supply cross section	3x 0.75 mm <sup>2</sup>
AWG power supply	19
Conductor structure, voltage supply	96x 0.10 mm
External diameter	9.2 mm
Max. bending cycles	1500000
Bending radius	95 mm
Traversing path	2 m
Traversing rate	2 m/s
Ambient temperature (operation)	-40 °C ... 90 °C (for fixed installation)
	-5 °C ... 80 °C (for flexible installation)

#### 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	PA

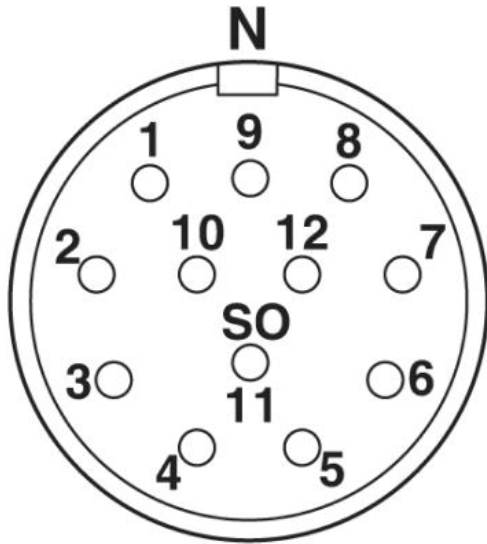
#### Anschlussbelegung

Steckplatz/Pol = Pin = Aderfarbe	1 / 4 (A) = 1 = WH
	2 / 4 (A) = 2 = GN
	3 / 4 (A) = 3 = YE
	4 / 4 (A) = 4 = GY
	5 / 4 (A) = 5 = PK
	6 / 4 (A) = 6 = RD
	7 / 4 (A) = 7 = BK
	8 / 4 (A) = 8 = VT
	1-8 / 1 (+ 48 V) = 11 = BN
	1-8 / 3 (0 V) = 9+10 = BU
	1-8 / 5 (PE) = 12 = GN/YE

**Drawings**

Schematic diagram

Pin assignment M23 socket, 12-pos., female side view



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