

# RCK-TWUM/BL16+3/10,0PUR-U

Order No.: 1684085

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1684085>

Female connector M23, angled, 19-pos., with master cable 10 m

**Commercial data**

EAN	4017918172039
Pack	1 pcs.
Customs tariff	85444290
Weight/Piece	2.3137 KG
Catalog page information	Page 128 (PC-2009)

**Product notes**WEEE/RoHS-compliant since:  
05/22/2006

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

Nominal voltage $U_N$	150 V
Number of positions	19
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	16 x 0.5 mm <sup>2</sup>

AWG signal line	20
Conductor structure, signal line	64x 0.10 mm
Power supply cross section	3x 1 mm <sup>2</sup>
AWG power supply	17
Conductor structure, voltage supply	128x 0.10 mm
External diameter	11.6 mm
Max. bending cycles	1500000
Bending radius	120 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**

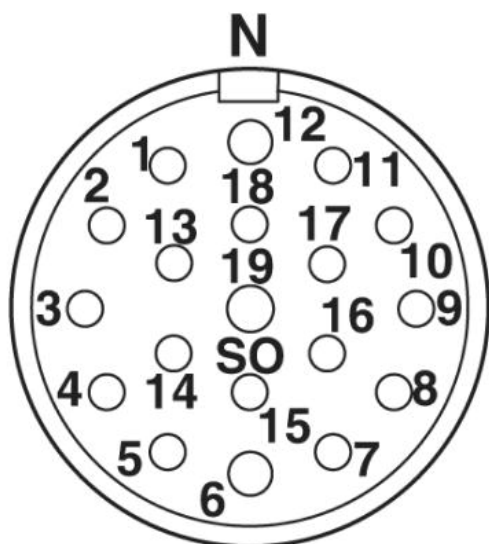
Steckplatz/Pol = Pin = Aderfarbe	1 / 4 (A) = 15 = WH
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	1 / 2 (B) = 7 = GY/PK
	2 / 4 (A) = 5 = GN
	2 / 2 (B) = 4 = RD/BU
	3 / 4 (A) = 16 = YE
	3 / 2 (B) = 8 = WH/GN
	4 / 4 (A) = 3 = GY
	4 / 2 (B) = 14 = BN/GN
	5 / 4 (A) = 17 = PK
	5 / 2 (B) = 9 = WH/YE
	6 / 4 (A) = 2 = RD
	6 / 2 (B) = 13 = YE/BN
	7 / 4 (A) = 11 = BK
	7 / 2 (B) = 10 = WH/GY
	8 / 4 (A) = 1 = VT
	8 / 2 (B) = 18 = GY/BN
	1-8 / 1 (+ 120 V) = 19 = BN
	1-8 / 3 (0 V) = 6 = BU
	1-8 / 5 (PE) = 12 = GN/YE

**Drawings**

Schematic diagram

Pin assignment M23 socket, 19-pos., female side view



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