

Power connector

Cable outer diameter 7 – 21.5mm ; 0.28" – 0.84"

Copper wire gauge 2.5 – 16mm² ; AWG 12 – 6

X: connector head

Y: connector body

Z: extra gaskets

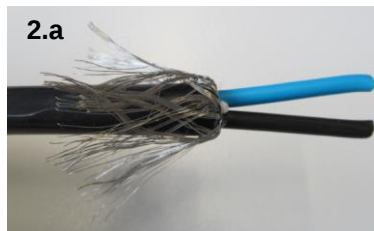
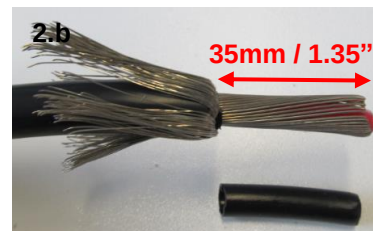
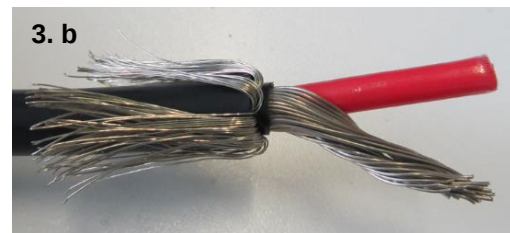
2 way power with shield



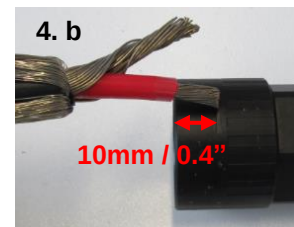
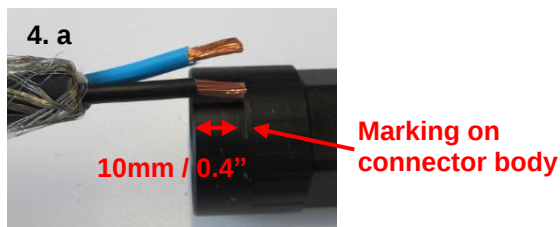
Triax power cable



Strip cable jacket to 35mm / 1.35". Marking on connector body as scale.

Fold back shielding,
remove fillers and foils.Fold back extern shielding. Strip cable inner
jacket from triax cable to 35mm / 1.35".

Twist inner shielding from triax cable into a braid.



Strip wire insulation to 10mm / 0.4". Marking on connector body as scale.

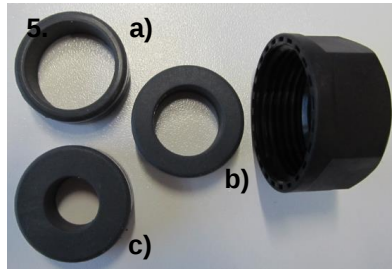
					Date	Name
				Drawn	11.11.2019	E. Truc-Vallet
				Check.	18.11.2019	J. Fuchs
				Appr.	18.11.2019	E. Truc-Vallet
				Dept.	COM	
				Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de		
100	19-v229	E. Truc-Vallet	11.11.2019			
Rev.	Change-no	Name	Date			

Tools:

Knife	
open-ended spanner 29 – 30 – 32	
or 2 adjustable spanners	
Torx 15 screwdriver	

Power connector

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Choose right gasket depending on cable diameter.

- a) 17mm – 21.5mm / 0.67" – 0.84"
 b) 12.5mm – 17mm / 0.5" – 0.67"
 c) 7mm – 12.5mm / 0.28" – 0.5"

On delivery: gasket b) is pre-assembled inside the nut.



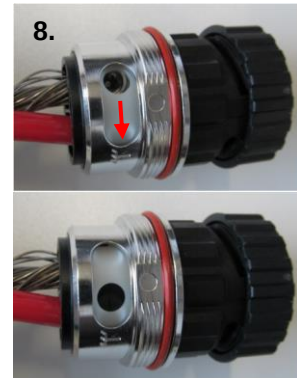
Secure the connector body on the cable: screw nut by hand.



Caution ! Polarity ! Attach wires on the connector head with 2.5Nm / 1.84lbf-ft.

Make sure to respect colour code of local conventions.

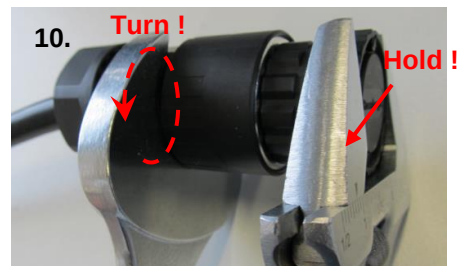
-48V: hot wire
 RTN: Return / 0V



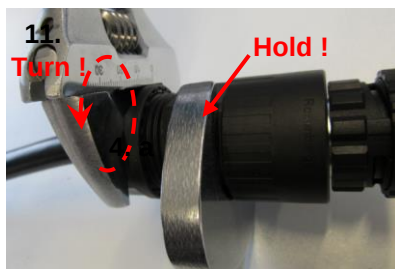
Close insulation ring.



Fold the shield on the connector head.



Screw the connector body onto the connector head with 5Nm / 3.69lbf-ft.

Caution: DO NOT turn connector head.

Screw the nut onto the connector body with 10Nm / 7.38lbf-ft.

Caution: DO NOT turn connector body.**Safety requirements:**

Max 55A (depending on copper wire gauge) / 60VDC.
 Not for current interrupting.
 Use ferrules on stranded wires if mandatory in national laws.
 Protect yourself with safety glasses, safety shoes and gloves.

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