

BECKHOFF C9900-K936

Power connector, field wireable, plastic, 2.5 mm², AWG 14, PushPull V4, plug, black/red, straight, male, IP 65 / IP 67, 4-pole, Crimp, 1 pcs

C9900-K937

Power connector, field wireable, plastic, 1.5 mm², AWG 16, PushPull V4, plug, black/red, straight, male, IP 65 / IP 67, 4-pole, Crimp, 1 pcs

ENGLISH

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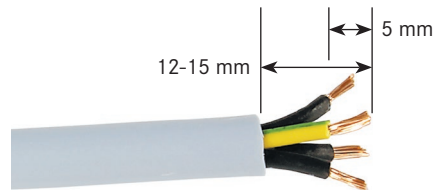
Beckhoff Automation GmbH & Co KG, Hülshorstweg 20, 33415 Verl, Germany, <http://www.beckhoff.com>

Assembly instruction

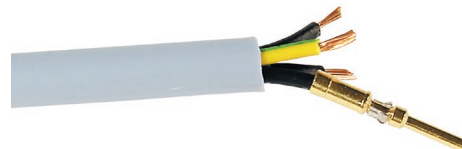
1. Push the nut and housing over the cable sheath (Ø 4.5 ... 10 mm).



2. Strip the cable sheath and the single strands.

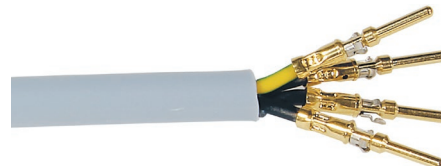


3. Put the contacts on the strands up to the end of the insulation

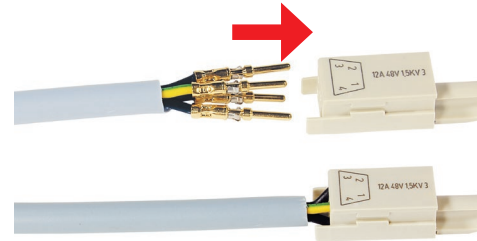


Wire cross section	Crimping depth
1.5 mm ²	1.02
2.5 mm ²	1.15

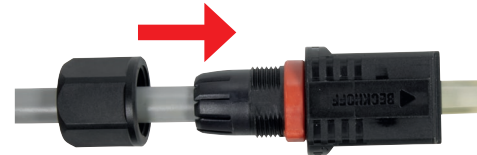
4. Crimp the contacts with the HARTING PushPull Power Crimping Tool (p/n 09 46 800 0000).



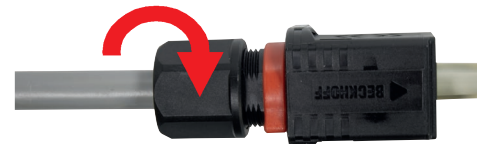
5. Push the contacts into the insulator body.



6. Push the housing over the insulator body



7. Tighten the cable gland to a torque of 1.3 ... 1.5 Nm. A 18 mm open box wrench is recommended for a secure tightening.



Technical Data

Working voltage:	48 V
Working current per contact:	12 A @ 55°C
No. of current carrying contacts:	4
Electrical strength:	1.5 kV
Protection level:	IP 67 / IP 65
Wire gauge:	1.5 mm ² (AWG 16) 2.5 mm ² (AWG 14)
Wire insulation:	≤ 3.7 mm
Pollution degree:	3
Ambient temperature:	-40 ... 70°C
Mating cycles:	min. 750
Cable diameter:	4.5 ... 10 mm

BECKHOFF C9900-K936

Power Steckverbinder, feldkonfektionierbar,
Kunststoff, 2,5 mm², AWG 14, PushPull V4,
Stecker, schwarz/rot, gerade, Stift,
IP 65 / IP 67, 4-polig, Crimp, 1 Stück

C9900-K937

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DEUTSCH

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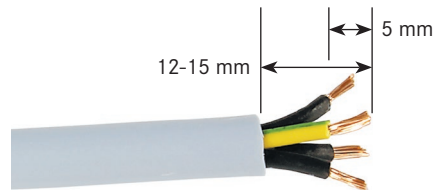
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Montageanleitung

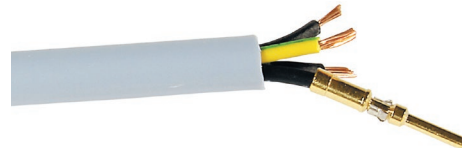
1. Mutter, Druckscheibe, Dichtung und Gehäuse über das Kabel schieben (Ø 4,5 ... 10 mm).



2. Kabelmantel und Adern abisolieren.

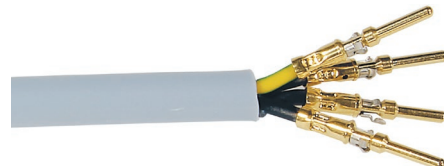


3. Kontakte bis zum Ende der Isolierung auf die Adern aufsetzen.

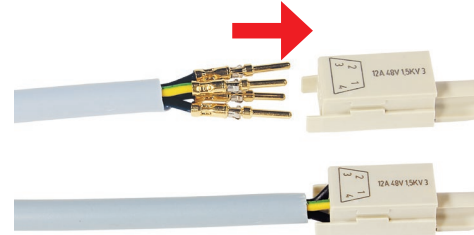


Aderquerschnitt	Crimptiefe
1,5 mm ²	1,02
2,5 mm ²	1,15

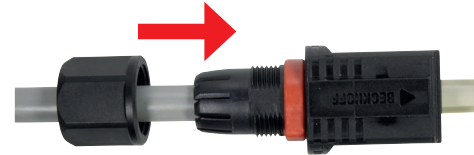
4. Kontakte mit dem HARTING PushPull Power Crimpwerkzeug (Art.-Nr. 09 46 800 0000) vercrimpen.



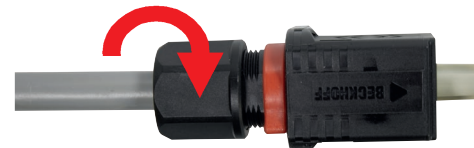
5. Kontakte in den Isolierkörper stecken.



6. Gehäuse über den Isolierkörper schieben.



7. Ziehen Sie die Kabelverschraubung mit einem Drehmoment von 1,3 ... 1,5 Nm an. Wir empfehlen hierzu einen offenen Ringschlüssel mit der Schlüsselweite SW 18.



Technische Daten

Bemessungsspannung:	48 V
Bemessungsstrom pro Kontakt:	12 A @ 55°C
Anz. stromtragender Kontakte:	4
Bemessungsstoßspannung:	1,5 kV
Schutzart:	IP 67 / IP 65
Adern:	1,5 mm ² (AWG 16) 2,5 mm ² (AWG 14)
Aderaußendurchmesser:	≤ 3,7 mm
Verschmutzungsgrad:	3
Umgebungstemperatur:	-40 ... 70°C
Steckzyklen:	min. 750
Durchmesser Kabelmantel:	4,5 ... 10 mm