

Rectangular Connector Variant 14 PushPull IP65/67

in accordance with IEC 60076-3-117

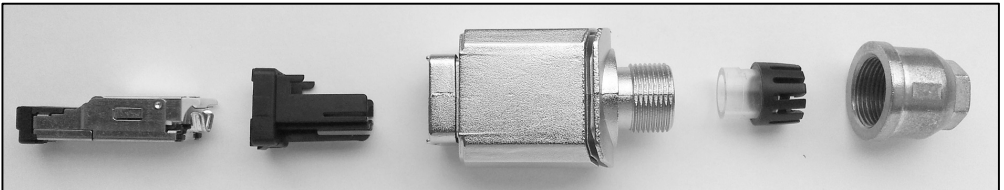
1. Scope / Anwendungsbereich

This Instruction Sheet describes the assembly procedure of the Variant 14 PushPull connector in combination with RJ45 Plugs.

Diese Installationsanweisung beschreibt die Montage des Rechtecksteckverbinders Variante 14 PushPull in Kombination mit RJ45 Steckern.

2. Description of the single parts / Beschreibung der Einzelteile

RJ45 Plug <i>RJ45 Stecker</i>	Adapter <i>Adapter</i>	Enclosure Variant 14 <i>Gehäuse Variante 14</i>	Pinchring-seal <i>Klemmkorb- Dichtung</i>	Screw-joint <i>Mutter</i>
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Attention: Components may vary with images by application!

Hinweis: Komponenten können von den Abbildungen variieren!

3. Technical data / Technische Daten

Degree of protection / <i>Schutzarten:</i>	IP 65/67
Operating temperature / <i>Betriebstemperatur:</i>	-40°C ...+70°C
Cable outside diameter / <i>Kabelaußendurchmesser:</i>	4.8mm – 8.0mm
Dimensions (l,w,h) / <i>Abmessung ca. (L,B,H):</i>	64.3mm, 22.8mm, 28.9mm
Wire cross section/ <i>Leiterquerschnitt:</i>	AWG 26-22 stranded/solid 0.14- 0.34mm ²
Insulation diameter/ <i>Isolationsdurchmesser:</i>	0.88 - 1.5mm

All specifications subject to change. Consult TE Connectivity for latest specifications.

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| Indicates Change

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PRODUCT INFORMATION 1-800-522-6752

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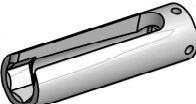
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4. Suitable field installable RJ45 Plugs

Passende feldkonfektionierbare RJ45 Stecker

Part Number	Description / Beschreibung	
1871283-1	RJ45 Plug CAT5e 4pos Refer to Application Specification: 114-5402-1 Siehe Verarbeitungsspezifikation: 114-5402-1	
1987620-1	RJ45 Plug CAT5e 8pos., Gigabit Refer to Application Specification: 1987794-1 Siehe Verarbeitungsspezifikation: 1987794-1	

5. Tools / Werkzeuge

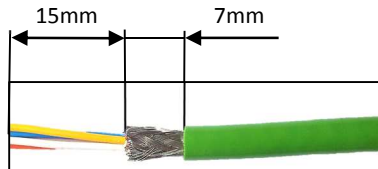
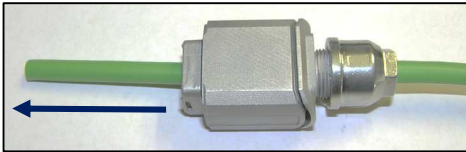
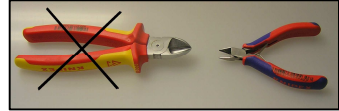
Part Number	Description / Beschreibung	
2161345-1	Torque wrench (adjustable) <i>Drehmomentschlüssel (einstellbar)</i> 1.2 Nm – 3.0 Nm	
523229-1	Slotted wrench size 13mm / <i>Geschlitzte Nuss, 13mm</i>	

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6. Assembly Steps / Montageschritte

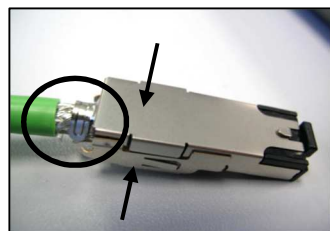
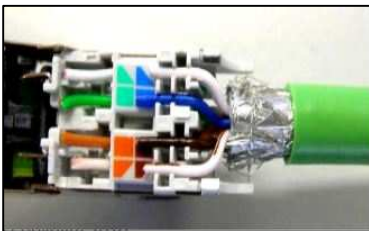
Step 1 / Schritt 1



Insert the cable into the enclosure Variante 14 and strip it as shown in the figure above.

Leitung in das Gehäuse Variante 14 einführen und gemäß Abbildung abmanteln.

Step 2 / Schritt 2



Insert of the wires according to the colour code and place the braided screen as shown.
Einführen der Aderpaare nach Farbcode, anschließendes platzieren des Schirmgeflechts.



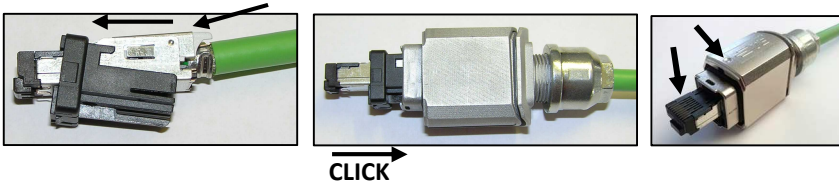
**Attention: For the right connection the plug halves must be closed completely.
The shielding braid must be adjusted as shown in the figure above!**

Hinweis: Die RJ45 Steckerhälften müssen zur korrekten Kontaktierung der Adern vollständig geschlossen sein. Das Schirmgeflecht sollte entsprechend der obigen Darstellung positioniert werden!

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Step 3 / Schritt 3



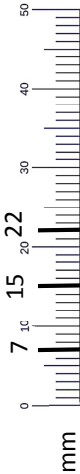
Push the RJ45 plug into the enclosure Variant 14 until the back stop

Einschieben des RJ45-Steckers in das Gehäuse Variante 14 bis zum Anschlag



Attention: Please make sure that gold plated RJ45 contacts are on the same side as the position mark!

Hinweis: Bitte beachten Sie, dass die Gold beschichteten RJ45 Kontakte und die Gehäusemarkierung nach oben zeigen!



Step 4 / Schritt 4

**Tighten the cable screw joint to a torque of $1.4\text{Nm} \pm 0.1\text{Nm}$
(Torque Wrench & Slotted wrench)**

*Anzugsmoment der Mutter im Neuzustand $1.4\text{Nm} \pm 0.1\text{Nm}$
(Drehmomentschlüssel & geschlitzte Nuss)*

