

Rectangular Connector Variant 14 PushPull IP65/67

in accordance with IEC 60076-3-117

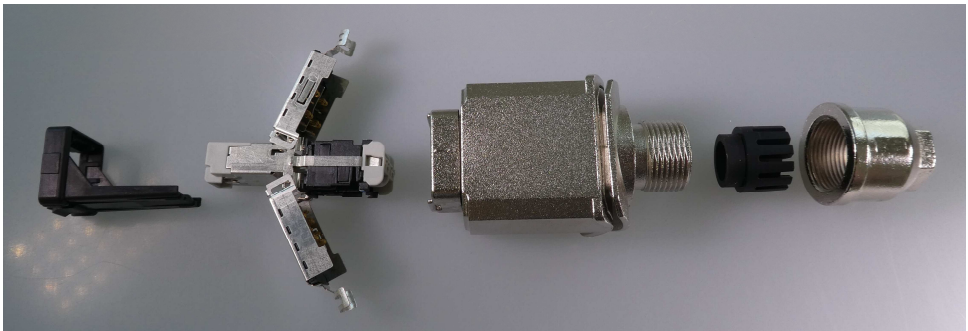
1. Scope / Anwendungsbereich

This Instruction Sheet describes the assembly procedure for the Variant 14 PushPull connector in combination with RJ45 CommonCore CAT6A Plug.

Diese Installationsanleitung beschreibt die Montage des Rechtecksteckverbinders Variante 14 PushPull in Kombination mit RJ45 CommonCore CAT6A Stecker.

2. Description of the individual components / Beschreibung der Einzelteile

Adapter <i>Adapter</i>	CommonCore CAT6A Plug <i>CommonCore</i> <i>CAT6A Stecker</i>	Enclosure Variant 14 <i>Gehäuse Variante 14</i>	Pinch ring-seal <i>Klemmkorb-</i> <i>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 abweichen!

3. Technical data / Technische Daten

Degree of protection / Schutzarten:	IP 65/67
Operating temperature / Betriebstemperatur:	-40°C ...+70°C
Cable outside diameter / Kabelaußendurchmesser:	5.8mm – 8.2mm
Dimensions (l,w,h) / Abmessung ca. (L,B,H):	64.3mm, 22.8mm, 28.9mm
Wire cross section/ Leiterquerschnitt:	AWG 26-22 stranded/solid 0.14- 0.34mm ²
Insulation diameter/ Isolationsdurchmesser:	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

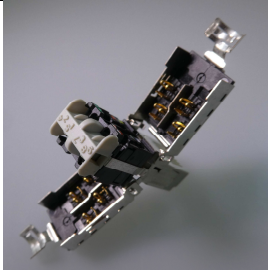
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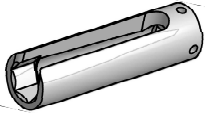
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4. Suitable field installable RJ45 CommonCore CAT6A Plug/

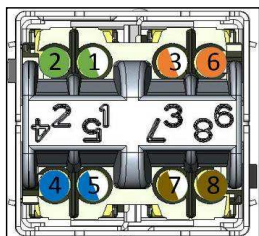
Passende feldkonfektionierbare RJ45 CommonCore CAT6A Stecker

Part Number	Description / Beschreibung	
2120877-1	RJ45 CommonCore CAT6A Plug, 8pos.	

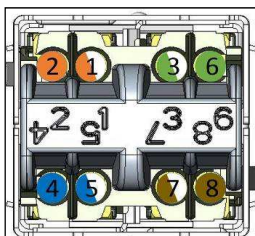
5. Tools / Werkzeuge

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</i> <i>Nuss, 13mm</i>	

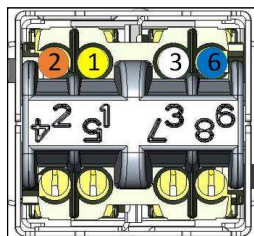
6. Color-coding / Farbzurordnung



Type: 568 A



Type: 568 B



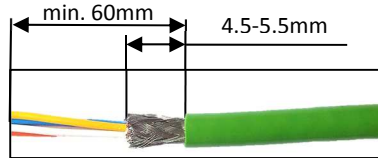
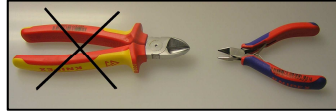
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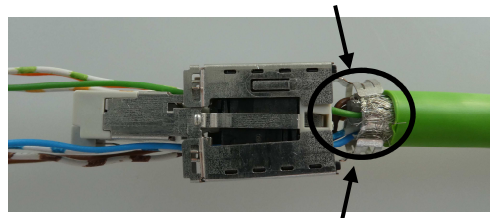
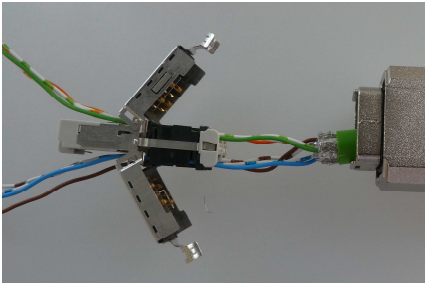
7. Assembly Steps / Montageschritte

Step 1 / Schritt 1



Insert the cable into the enclosure Variant 14 and strip it as shown in the figure above.
Leitung in das Gehäuse Variante 14 einführen und gemäß Abbildung abisolieren.

Step 2 / Schritt 2



Insert the wires according to colour code (Point 6), and place the braided screen as shown.
Einführen der Aderpaare nach Farbcode (Punkt 6), und platziere den Schirm wie gezeigt.



Attention: For the right connection, the plug halves must be close completely.

The shielding braid must be adjusted as shown in the figure above!

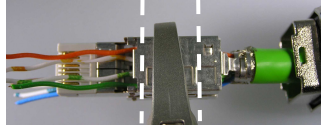
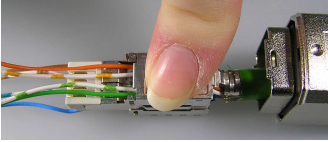
Hinweis: Die Stecker Hälften müssen zur korrekten Kontaktierung der Adern vollständig geschlossen sein. Das Schirmgeflecht sollte entsprechend der obigen Darstellung positioniert werden!



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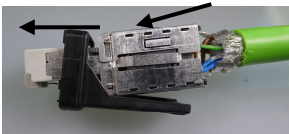
Step 3 / Schritt 3



To cut and connect the wires press upper and lower cover together by using your fingers, parallel closing hand tool or Variant 14 enclosure.

Um die Adern abzuschneiden bzw. zu kontaktieren drücken Sie das Gehäuseoberteil und Gehäuseunterteil mit den Fingern, einem parallel schließenden Werkzeug oder mit dem mitgelieferten Variante 14 Gehäuse zusammen.

Step 4 / Schritt 4



Insert and snap-in the CommonCore CAT6A plug into the adapter and afterwards insert the adapter into the Variant 14 enclosure until its locking position.

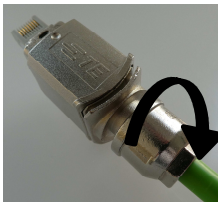
Einschieben und verrasten des CommonCore CAT6A-Steckers in den Adapter und anschließend den Adapter im Variante 14 Gehäuse verrasten.



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

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

Step 5 / Schritt 5



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)

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