

Rectangular Connector Variant 14 PushPull IP65/67

1. Scope / Anwendungsbereich

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

Diese Installationsanweisung beschreibt die Montage des Rechtecksteckverbinders Variante 14 PushPull in Kombination mit Fiber Optic Steckverbinder.

2. Description of the single parts / Beschreibung der Einzelteile

| Fiber Optic connector <i>Fiber Optic Steckverbinder</i> | Adapter <i>Adapter</i> | Enclosure Variant 14 <i>Gehäuse Variante 14</i> | Pinch ring-seal <i>Klemmkorb-Dichtung</i> | Screw-joint <i>Mutter</i> |
|--|---------------------------|--|--|------------------------------|
|--|---------------------------|--|--|------------------------------|



Attention: Components may vary with images by application!

Hinweis: Komponenten können von den Abbildungen variieren!

3. Technical data / Technische Daten

| | |
|---|------------------------|
| Degree of protection / Schutzarten: | IP 65/67 |
| Operating temperature / Betriebstemperatur: | -40°C ...+70°C |
| Cable outside diameter / Kabelaußendurchmesser: | 4.8mm – 8.0mm |
| Dimensions (l,w,h) / Abmessung ca. (L,B,H): | 64.3mm, 22.8mm, 28.9mm |
| Cable Size/ Kabelgröße: | 1.6-2mm; 2.4mm |

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

©2014 Tyco Electronics Corporation, a TE Connectivity Ltd.
Company
All Rights Reserved
| Indicates Change

This controlled document is subject to change. For latest revision and Regional Customer Service, visit our website at www.te.com
PRODUCT INFORMATION 1-800-522-6752


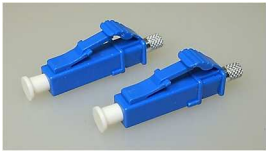
1 von 4
ECOC EGDO
LOC AI

*Trademark. TE Connectivity, TE connectivity (logo), and TE (logo) are trademarks.
Other logos, product and/or Company names may be trademarks of their respective owners.

Rectangular Connector Variant 14 PushPull IP65/67

4. Suitable field installable Fiber Optic connector

Passende feldkonfektionierbare Fiber Optic Steckerverbinder


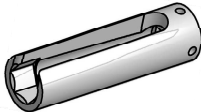
| Part Number | Description / Beschreibung | |
|------------------|--|--|
| 1754625-1 | Fiber Optic Connector LC Multi Mode (beige) Refer to Application Specification 408-8925 Siehe Verarbeitungsspezifikation 408-8925 |  |
| 1828456-1 | Fiber Optic Connector LC Single Mode (blue) Refer to Application Specification 408-8925 Siehe Verarbeitungsspezifikation 408-8925 |  |



Attention: Do not mix and assemble the different type of Fiber Optic connectors!

Hinweis: Die unterschiedlichen Typen der Fiber Optic Steckverbinder dürfen nicht miteinander verbaut oder getauscht werden!

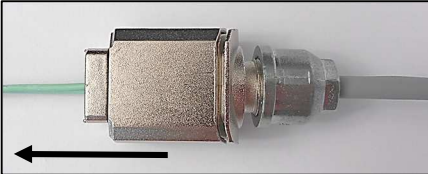
5. Tools / Werkzeuge

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

Rectangular Connector Variant 14 PushPull IP65/67

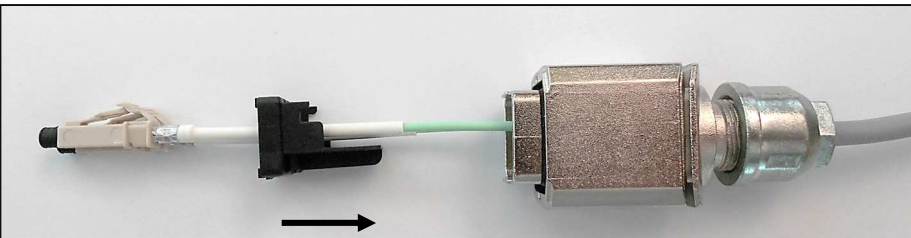
6. Assembly Steps / Montageschritte

Step 1 / Schritt 1



Insert the cable into the Housing and strip it as shown in the figure next to.
Leitung, wie in der nebenstehenden Abbildung gezeigt, in das Steckgehäuse einführen.

Step 2 / Schritt 2



Insert cable to Adapter it as shown on figure above and assemble Fiber Optic connector as described as on specification.

Kabel durch den Adapter durchführen und anschließend den Fiber Optic Steckverbinder nach Spezifikation montieren.

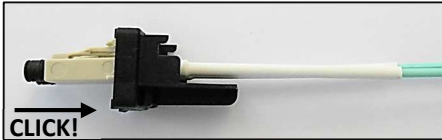


Attention: During installation of the Fiber Optic connectors, the specification is to be considered 408-8925!

Hinweis: Bei der Montage der Fiber Optic Steckverbinder ist die Spezifikation 408-8925 zu beachten!

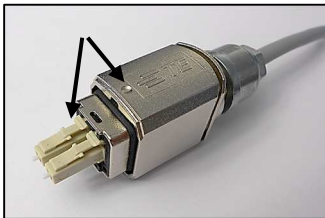
Rectangular Connector Variant 14 PushPull IP65/67

Step 3 / Schritt 3



Push the Fiber Optic Connector into the Adapter until end position.
Then insert the Adapter into the Enclosure Variant 14 until it clicks at the back stop

*Einschieben des Fiber Optic Steckverbinders in den Adapter bis zur Endposition.
Anschließend wird der Adapter in das Gehäuse Variante 14 geschoben, bis es am Anschlag klickt*



Attention: Please make sure that the catch mechanism of Fiber Optic connector are on the same side as the position mark!

Hinweis: Bitte beachten Sie, dass die Verrastung der Fiber Optic Steckverbinder 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)*

