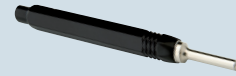


|                         |      |
|-------------------------|------|
| for contacts series:    | page |
| <b>CX PLF/PLM</b> ..... | 3    |
| <b>CX MLF/MLM</b> ..... | 3    |

manual crimping tool



polishing disc - polish paper - removal tool  
jacket stripper and fibre stripper  
cable cutter



| description   | part No.      | part No.                   |
|---|---------------|----------------------------|
| crimping tool for POF <b>CX PL</b> and MOST <b>CX ML</b> contacts<br>RENNSTEIG model **   | <b>CLPZ R</b> |                            |
| polishing disc (RATIOPLAST 910 PS 0SC 00 001)<br>- for POF * and MOST *** contacts  |               | <b>CLDL</b>                |
| polish paper:<br>- grain size 1000 (RATIOPLAST 910 PB 001 00 001)<br>- grain size 4000 (RATIOPLAST 910 PB 001 40 250)   |               | <b>CLC1</b><br><b>CLC4</b> |
| removal tool<br>for the extraction of contacts from the CX L inserts  |               | <b>CLES</b>                |
| - jacket stripper (RATIOPLAST 910 AZ 001 00 PA1)<br>for POF * and MOST *** fibre optic with PA jacket<br>- fibre stripper (RATIOPLAST 910 AB 001 00 001)<br>for POF * fibre optic |               | <b>CLSG</b><br><b>CLSP</b> |
| cable cutter (RATIOPLAST 910 SW 001 00 001)<br>for Ø 2.3 mm max, for POF * and MOST *** fibre optic   |               | <b>CLTE</b>                |

\*\* on request tool **CLPZ** RATIOPLAST  
910 CZ 001 00 005 for contacts POF \* crimping on  
the back

\* **POF** = POLYMER OPTICAL FIBRE  
\*\*\* **MOST** = MEDIA ORIENTED SYSTEM TRANSPORT

**Note:**  
as alternative to crimping please use glue UHU  
PLUS ENDFEST 300 (BICOMPONENT), part No.  
"CL GL"

- 1) mix the two components on a sheet (just a drop/each)
- 2) the stripped ca. 5 mm POF \* (that means the inner fibre) has to be dipped in the glue (just 5 mm)
- 3) the POF \* has to be pushed now in the contact/ferrule
- 4) min. one night to hard/dry the glue
- 5) finally the POF \* has to be polished (polishing disc)

CLPZ R



**General specifications**

Strip the fibre about 12 mm for male contact and about 15 mm for female contact (see Figures 1 and 2).

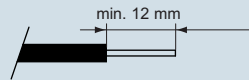


Fig. 1 - Example of cable stripping for male crimp contact

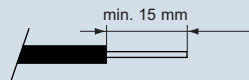


Fig. 2 - Example of cable stripping for female crimp contact

**Crimping instructions**

- The data sheet for crimping tool **CLPZ R** explains how the crimping tool works and how to adjust the crimping depth and locator for the contacts to be crimped. Position the turret on 3, push and turn of 90° the knob of turret. Adjust the crimping depth on 2 (unscrew the allen screw, after adjusting refix the screw).
- For the female contact: unscrew the back of the contact, pull out the internal central part; on Figure 3 is indicated the crimping area (front part of contact).
- For male contact: crimp the front part of contact.
- Push the stripped fiber as far as possible into the contact sleeve so that it protrudes approx. 1 mm from the tip of the contact.



Back of contact



Contact/fibre crimping area

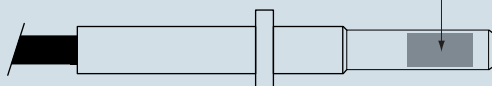


Fig. 3 - Female contact/fibre crimping area

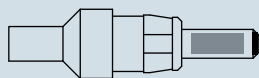


Fig. 4 - Male contact/fibre crimping area

- Insert the contact together with the fibre optic cable as far as possible into the crimping opening of the crimping tool (**CLPZ R**, see Figure 5) while applying gentle pressure to the fibre optic cable and connector, close the tool until you hear it disengages.

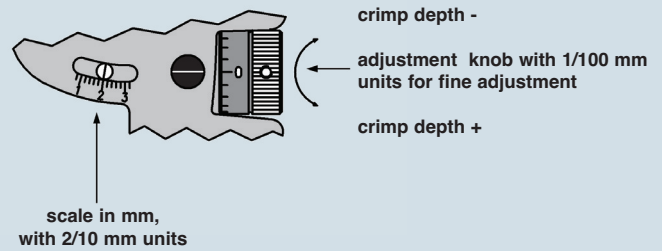
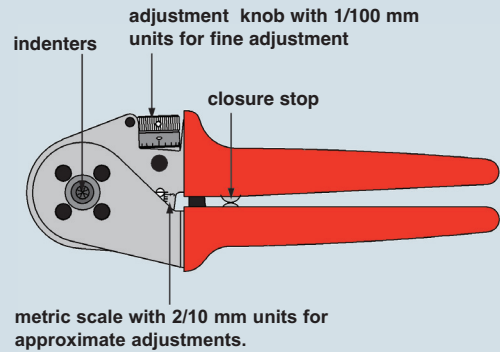


Fig. 5 - Manual crimping tool

**Finishing the front surface**

- Insert the contact into the polishing disc (**CLDL**) as shown in Figure 6.
  - Work on a smooth surface (such as a sheet of glass), use grade 1000 polishing paper to grind off the protruding fibre and polish it with grade 4000 polishing paper.
  - Wipe away any residue remaining after grinding.
- The best optical attenuation values are achieved when a wet grinding method is used.

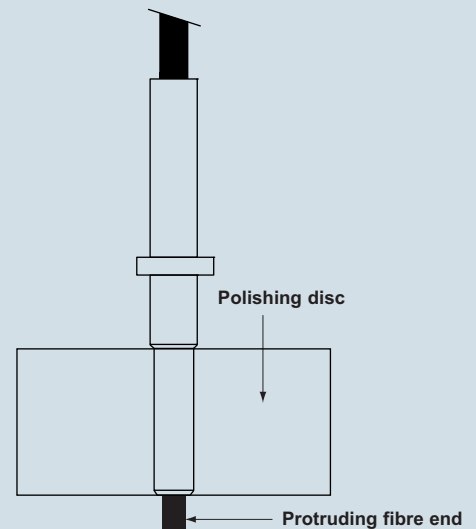


Fig. 6 - Polishing Disc with Guide for Connector Sleeve

**Final mounting instructions**

- Screw the back female part contact.
- Put inside the insert CX 04 LF/ CX 04 LM.