



TOOLCRAFT

GB OPERATING INSTRUCTIONS

2-in-1 Crimp Pliers

Version 02/13

Item no. 81 86 44

Intended use

The crimp pliers is intended for the crimping of crimp-type connectors that are suitable for this purpose. The replaceable inserts included in the delivery provide different options for the use and application of the product.

Please read these operating instructions carefully to ensure safe use and operation of the product. Keep these operating instructions in a safe place for future reference. Always observe the safety instructions and all other information included in these operating instructions.

Any use other than that described above is not permitted and can lead to damage of this product; this can also lead to danger for the user.

This product complies with the applicable national and European requirements. All names of companies and products are the trademarks of the respective owners. All rights reserved.

Package Contents

- Crimp pliers with replaceable inserts
- Storage/transport case
- Operating instructions

Safety Instructions



The warranty will be void in the event of damage caused by failure to observe these safety instructions! We do not assume any liability for any resulting damage!

We shall not accept liability for damage to property or personal injury caused by incorrect handling or non-compliance with the safety instructions! In such cases, the warranty will be null and void.

- For safety reasons, any unauthorised conversion and/or modification to the product is not permitted.
- The product is not a toy and it should be kept out of the reach of children.
- Check the product for any damage before using it. If you notice any damage, do not use the product any longer.
- When using the product, observe the safety and accident prevention regulations applicable in your country.
- Do not use any lever extension (to reinforce the crimping effect of the crimp pliers). This will damage the product. Furthermore, there is the risk of injury.

The crimp pliers may only be used for crimping of suitable crimp-type connectors and must not be used to unscrew nuts, screws or bolts.

Never use the crimp pliers as a striking tool, this will destroy them.

- During operation or storage of the crimp pliers, protect them from humidity, dust and dirt, oil or chemicals. Also never drop the crimp pliers; they will become damaged and unusable.

To protect the product, use the storage/transport case provided.

- In schools, educational centres, hobby and self-help workshops, the use of the product is to be supervised by trained employees in a responsible manner.
- Do not leave the packaging material carelessly lying around, since it could become a dangerous plaything for children.
- If you are in doubt about how to use the device correctly, or have any questions not covered by these operating instructions, please contact our technical support or another specialist.

Controls



- 1 Handles with integrated mechanism for the transmission and automatic lock
- 2 Release lever to release the automatic lock after an incorrect crimping
- 3 Toothed wheel to adjust the torque (with locking screw)
- 4 Insert #1
- 5 Insert #2

Replacing the inserts

To remove the inserts (4) and (5), simply pull them forward and out.

The two inserts (4) and (5) must be placed in the crimp tool so that the correct sides point at one another.

For this purpose, the inserts are marked with "A" and "B". Always pay attention that the same marks are on one side (A-A or B+B) and that the arrows "→ L" and "R ←" point at one another.



If you do not pay attention to that, you won't be able to perform the crimping correctly, and you run the risk of damaging the crimp pliers or the inserts.

Crimping process

Depending on the available crimp-type connector, select the correct insert for the crimp pliers and insert the crimp-type connector into the correct opening.

Press the handles (1) of the crimp pliers firmly together. The transmission mechanics in the handle causes an increase of the torque.

If the torque selected via the toothed wheel (3) is attained, the forced lock and thus the handles are automatically released and the crimp-type connector can be removed.

Adjusting the torque

First, unscrew the locking screw of the toothed wheel (3) completely. In this process, the crimp pliers must not be pressed together but the handles have to be fully open.

Move the toothed wheel in "-" direction to decrease the torque or in "+" direction to increase the torque.

Secure the toothed wheel (3) again with the screw that you unscrewed at the beginning (under the toothed wheel there are two threads (see circle on the right image) which enable the adjustment of the torque in a total of 12 stages).



Releasing the automatic lock via the release lever

In the event of a wrong crimping, the automatic lock of the crimp pliers can be released before completing the process by moving the release lever (2) with e.g. a screw driver in direction of the front side (crimp inserts).

Afterwards, the handles can be moved apart and you can remove the faulty crimp-type connector.

Maintenance and Cleaning

The product does not require any maintenance and should never be disassembled for any reason. Servicing or repair may only be carried out by a specialist.

Only clean the product with a soft, clean, dry cloth.

Technical Data

Dimensions..... 223 x 73 x 21 mm (L x W x H)

Weight approximately 563 g

Torque adjustment..... yes, in 12 stages

Legal notice

These operating instructions are a publication by Conrad Electronic SE, Klaus-Conrad-Str. 1, D-92240 Hirschau (www.conrad.com).

All rights including translation reserved. Reproduction by any method, e.g. photocopy, microfilming, or the capture in electronic data processing systems require the prior written approval by the editor. Reprinting, also in part, is prohibited.

These operating instructions represent the technical status at the time of printing. Changes in technology and equipment reserved.

© Copyright 2013 by Conrad Electronic SE.