

# Operating Instructions

## Hand crimp tool PEW 9.1128 for HFBR-connectors

### Art.-No. 619 1128 3 1



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EN

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## 1 General

EN

Keep the Operating Instructions with the hand crimp tool at all times. This hand crimp tool features state-of-the-art technology and complies with recognised safety regulations. The crimp tool may be used only in a technically fault-free condition, in a safety-conscious manner with consideration given to potential hazards, and may be used only for the purpose described in the Operating Instructions.

The manufacturer is not liable for any damages that occur as a result of unauthorized modifications made to the hand crimp tool or its improper use. Always isolate wires from the power supply!

## 2 Intended use

- for crimping HFBR-connectors 2,2 mm POF
- Simplex or duplex versions: 4501/4511, 4503/4513 and 4506/4516

## 3 Description

The crimping tool utilizes a leverage mechanism. Once the last tooth is passed in the ratchet (force operation to complete), the crimping tool opens automatically. To prevent damage to the crimping die or connector, the built-in emergency release lever (Do not use crimped terminals that have not completed the cycle) enables the tool to be opened prematurely in the event of failed crimping.

crimp position 2 for  
HFBR 4501/4511  
and 4503/4513

crimp position 1 for  
HFBR 4506/4516

turnable positioner  
(locator)

locking lever

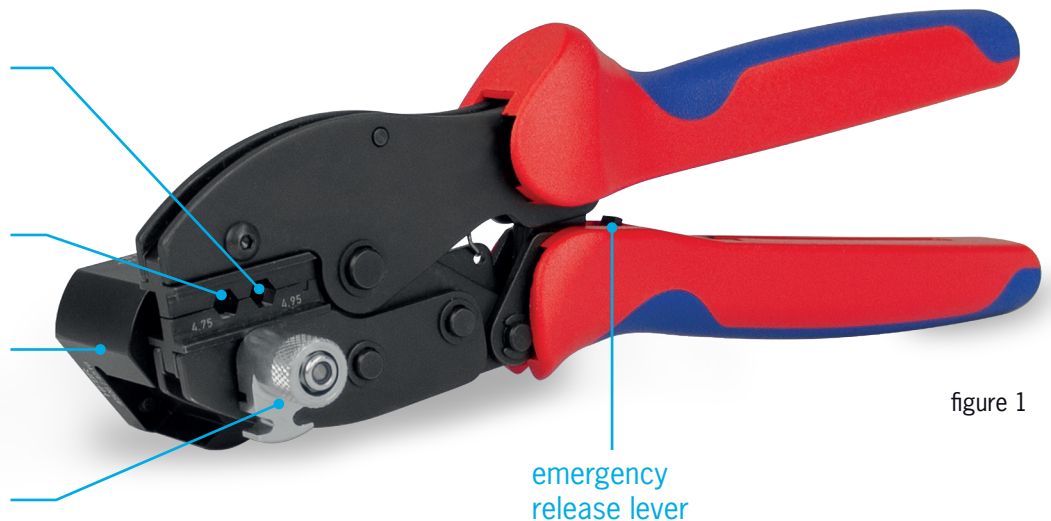


figure 1

## 4 Application / Crimping procedure

- Open the tool
- Select the necessary positioner, lift it and turn it in the right position until it locks (figure 2)
- Insert the HFBR connector in the corresponding position (figure 3)
- To avoid turning the HFBR-connector close the tool until the connector is held tightly
- Lift the locking lever and turn until it clicks into place in the upper position (figure 4)
- Insert the prepared wire to the stop and hold tight (figure 5)
- Press the handles together until the compulsory lock is released and the connector has been crimped
- Tool opens automatically, lift the locking lever and turn downwards, remove the crimped connector (figure 6)

## 5 Emergency unlocking

The force lock opens automatically if the crimp procedure completes in full. In case the crimp procedure needs to be interrupted, the force lock can be released with a suitable tool (e.g. screwdriver). (figure 7)



figure 2

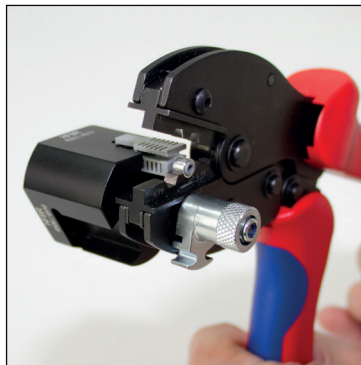


figure 3

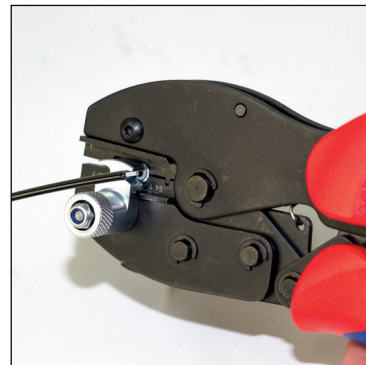


figure 4

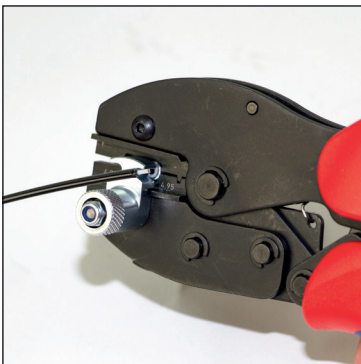


figure 5

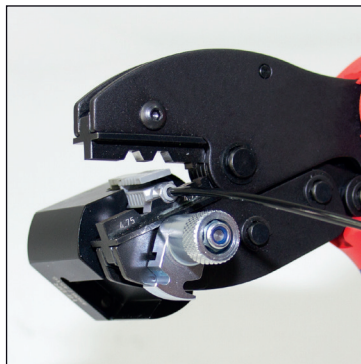


figure 6



figure 7

## 6 Warranty

The hand crimp tool is subjected to a thorough quality control process.  
General warranty conditions apply.

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## 7 Service and maintenance

Before starting work, ensure that the hand crimp tool is clean and in proper working order. Crimping residue must be removed. Joints should be regularly oiled with a light mineral oil and protected against contamination. It must be ensured that all bolts are secured by means of securing rings. As a rule, all repairs to the wire end ferrule crimping tool must be performed by the tool manufacturer or an authorised service centre. Please contact the dealer where you purchased your tool.

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