



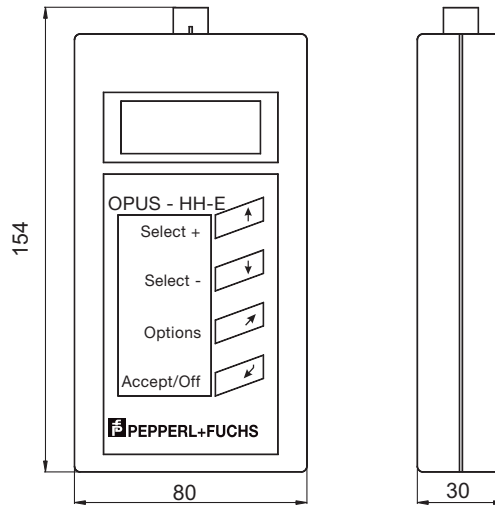
## OPUS-HH-E

- **Display and editing of all parameters**
- **Problem-free connection to all sensors in the F22, F44 and F66 series via an optical interface (Clip)**
- **Saving / loading of the sensor parameters**

The Hand-held device is a compact tool for use in assigning parameters to photoelectric sensors in the series F22, F44 and F66.

Communication with the sensor takes place via the optical serial interface and the attached clip. The clip is simply snapped onto the sensor housing and connected to the unit via a connector.

The hand-held unit can read and edit the same parameter set as the OPUS sensor parameterisation PC software. The basic repertoire of parameters, valid for all sensors, is expanded by sensor-specific parameters, depending on sensor type and series.



### Model number

Indicator

Keypad

Power supply

Operating time

Protection class to IEC 60 529

Operating temperature

Storage temperature

Weight

### OPUS-HH-E

LCD, 2 x 12 digits, alphanumeric  
6 mm digit height

4 keys

9 V block battery

30 h /  $\geq 100$  read / write functions

IP 54

0 °C ... +50 °C

-20 °C ... +60 °C

approx. 300 g

### Operation:

Activation

- pushing a key

Deactivation

- independent five minutes after the last key stroke

### Key functions

Key  $\uparrow$

- **Select +:** up function in menu

Key  $\downarrow$

- **Select - :** down function in menu

Key  $\nearrow$

- **Options:** brings up subordinate menu

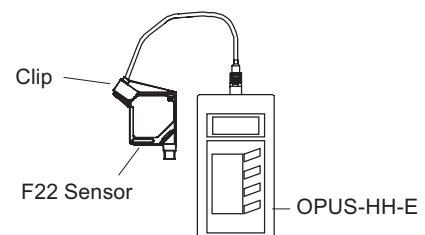
Key  $\searrow$

- **Accept/Off:** enter, set parameter, brings up next menu

### Accessory: Parameter assignment clip

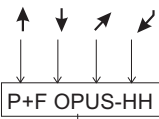
For parameter assignment using the hand-held unit, you also require a clip to match the sensor housing: Universal clip F22/44 (adjustable) or F66 clip.

Example: F22 sensor



# Accessories - Hand-Held Programmer

Keys

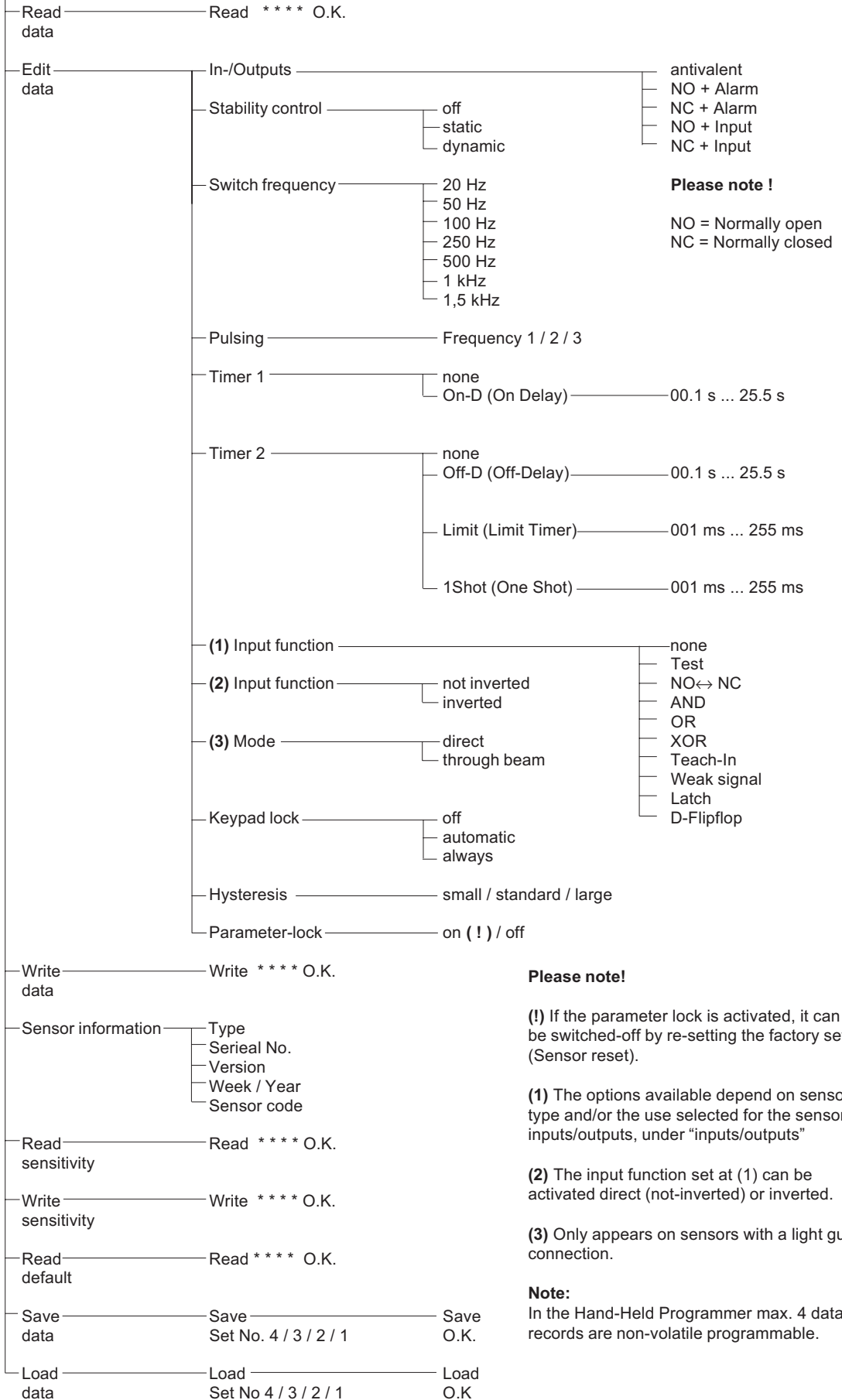


**Please note !**

Depending on the type of sensor connected, some parameters may not be available for editing.

**Key functions**

- ↑ ↓ - up or down function in menu
- ↖ - brings up subordinate menu
- ↙ - Enter, set parameter brings up next menu



**Please note!**

(!) If the parameter lock is activated, it can only be switched-off by re-setting the factory setting (Sensor reset).

(1) The options available depend on sensor type and/or the use selected for the sensor inputs/outputs, under "inputs/outputs"

(2) The input function set at (1) can be activated direct (not-inverted) or inverted.

(3) Only appears on sensors with a light guide connection.

**Note:**

In the Hand-Held Programmer max. 4 data records are non-volatile programmable.

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