PARAMETER SETTINGS HP ESR(P) 20

- Switch off the indicator.
- To activate the parameter menu, press the on/off-key for 23 seconds.
  - ❏ The indicator shows: “P 01“.
- Press the →0/T← key.
  - ❏ The indicator shows the current value of parameter P 01.
- Use keys ▼ and ▲ to change the current value.
- Confirm with →0/T←.
  - ❏ The indicator shows: “P 02“. Parameter P 02 can now be changed in the same way as P 01.
  - ❏ With the ▲ key it is possible to scroll through the parameters, until the desired parameter is reached.
  - ❏ When the on/off-key is pressed *shortly* while a parameter number is shown in the display, the parameter indication will automatically jump back to P 01.
- When all desired parameters have been changed, press the →0/T← key for 3 seconds to leave the parameter menu and to return to the weighing mode.

Listed below are all available parameters.

- Settings for specific options are indicated with an asterisk (*).
  Contact the producer to check whether you have the correct hardware for this option. If the hardware is not suitable for a certain function**, it will not be possible to activate or change that function.**
- The factory settings for your board can be found in the table. Contact the producer to check which hardware version you have.

P 01: Option RF*: RF-function identification number, to ensure that the correct devices are in communication. Available identification numbers: 0 - 7.
Option RCS*: delay time for the peakhold function, 0 - 9 seconds.
Setting = 0

P 02: Sets smallest multirange graduation.
0.1 = 0.1 kg
0.2 = 0.2 kg
0.5 = 0.5 kg
1 = 1 kg
2 = 2 kg
5 = 5 kg
10 = 10 kg
20 = 20 kg
50 = 50 kg
Setting = 1

P 03: Sets largest multirange graduation.
0.1 = 0.1 kg
0.2 = 0.2 kg
0.5 = 0.5 kg
1 = 1 kg
2 = 2 kg
5 = 5 kg
10 = 10 kg
20 = 20 kg
50 = 50 kg
Setting = 1
Attention: P 02 must always have a lower value than P 03. If, by mistake, a higher value is set, then the indicator automatically sets the same value for both parameters, and the multi-interval function is not used.

P 04: Sets the number of graduations per multirange, per 100 graduations. Available values 0000 – 9900, for the legal for trade version 500 – 3000*.
Attention: when P 02 and P 03 have equal values, and the multirange is therefore inactive, the value for P 04 is represented as ‘’----“.
Setting = ----

P 05: Sets the weighing capacity (full scale), per 100 kg. Available values 00000 – 99900.
Setting = 2000

P 06: Sets the motion detection, in graduations per second. When the internal value varies per second more than the number of set graduations, the load stability pointer will not light up in the display.
0 = 0.5 graduation (standard for option* approved systems)
1 = 1 graduation
2 = 2 graduations
3 = 4 graduations
Setting = 1

P 07: Not defined.

P 08: Sets auto-shut off time in minutes. Available values 1- 99 (0 = inactive).
Setting = 3

P 09: Sets number of wires per load cell cable.
4 = 4 wires
6 = 6 wires (prepared for approval)
Setting = 4

P 10: Option: turns off automatic zero correction*. For certain dosage applications.
0 = off
1 = on
Setting = 1

P 11: Not defined.

P 12: Starting unit (also calibration unit)
0 = kg
1 = lb
2 = kg/lb
3 = lb/kg
Setting = 0

P13-16: Not defined.

P 17: Option: peakhold function*. Choice of the peakhold function.
0 = standard function
1 = peakhold function
Setting = 0

P 18 -19: Not defined.

P 20: Option: printer or printer output*. Sets baud rate. Available values: 600/1200/2400/4800/9600.
Setting = 9600

P 21: Option: printer or printer output*. Sets the number of data bits. Available values: 7/8.
Setting = 8

P 22: Option: printer or printer output*. Sets parity.
E = even
- = none

0 = odd
Setting = -

P 23: Option: printer or printer output*. Sets number of stop bits. Available values: 1/2.
Setting = 1

P 24: Not defined.

P 25: Option: printer or printer output*. Sets RS232-board function.
0 = Standard
1 = Standard with Printer
2-7 = not used
Setting = 0

P 26: Option: printer or printer output*. Sets number of line feeds after total print. Available values: 0-7.
Setting = 5

P 27– 89: Not defined.

P 90: Reset to factory settings. When after selection of parameter P 90 the →0/T← key is pressed, all parameter settings are automatically reset to the factory settings. **NB:** Be aware that the factory settings are incorrect for some systems. Make sure that you have a copy of the correct parameters before resetting the system. Do not use this setting, the unit will need to be recalibrated.

P 91: Not defined.

P 92: Sets the low battery auto shut off function. When activated, the indicator will switch off automatically 2 minutes after the lo-ba indication comes on.
0 = inactive
1 = active
Setting = 1

P 93: Main function keys 2 and 3
0 = all functions are activated
1 = PT deactivated
2 = ∑ deactivated
3 = PT and ∑ deactivated incl. the net and stability pointers
Setting = 1

P 94– 98: Not defined.

P 99: Shows software version of the indicator.