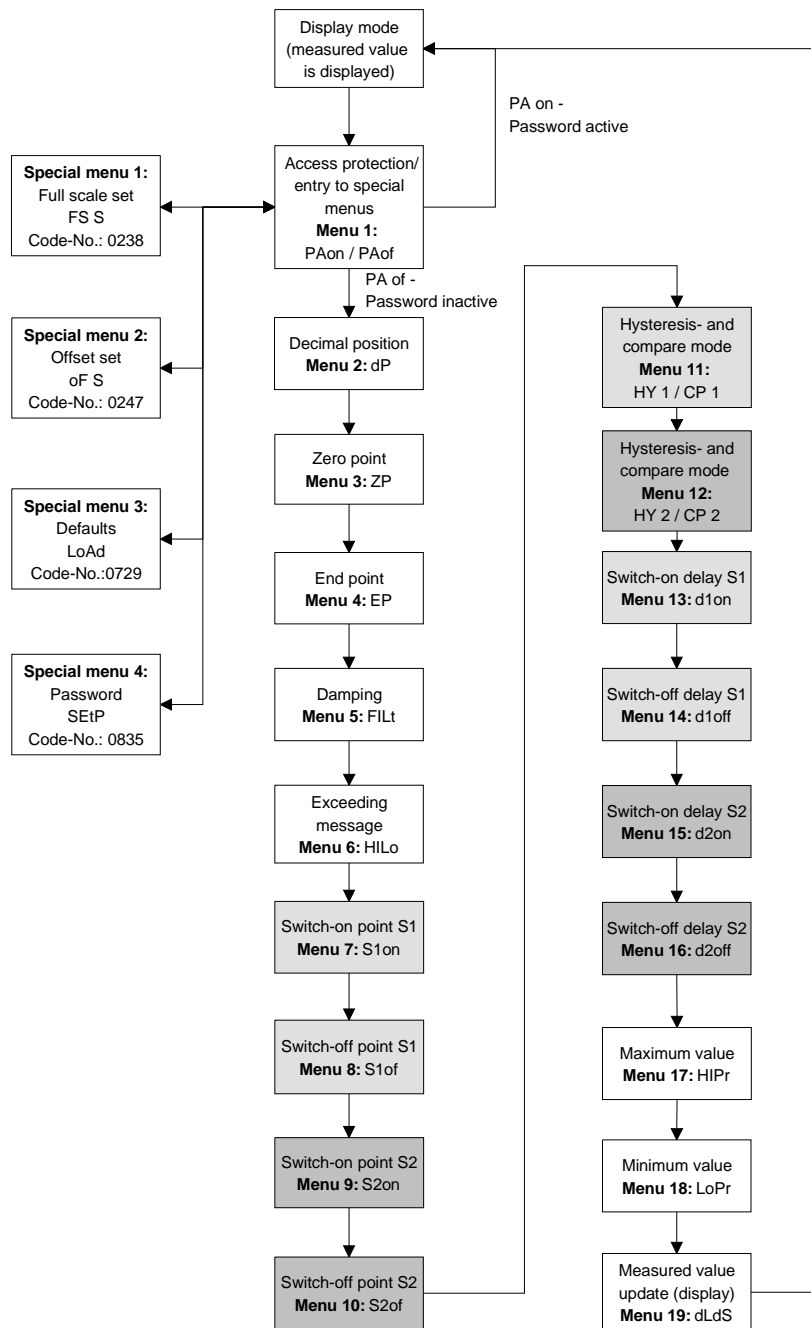


6.6. Structure of the menu system



6.7 Menu list

- ▲-button: move in the menu system (forward) or increase the displayed value; it will also lead you to the operating mode (beginning with menu 1)
- ▼-button: move in the menu system (backward) or decrease the displayed value; it will also lead you to the operating mode (beginning with the last menu)
- both buttons simultaneously: confirm the menu items and set values
- ☞ to increase the counting speed, when setting the values: keeping the respective button pushed for more than 5 seconds

Execution of configuration:

- set the desired menu item by pushing the ▲- or ▼-button
- activate the set menu item by pushing both buttons simultaneously
- set the desired value or select one of the offered settings by using the ▲- or ▼-button
- store the set value / selected setting and exit the menu by pushing both buttons simultaneously

PAon PAof	menu 1 – access protection PAon → password active → to deactivate: set password PAof → password inactive → to activate: set password ☞ default setting for the password is "0005"; modification of the password is described in special menu 4
dP ZP EP	menu 2 – set decimal point position menus 3 and 4 – set zero point / end point the device has been configured correctly before delivery, so a later setting of a 2-wire device is only necessary, if a differing displayed value is desired (e. g. 0 ... 100 %)
FILt	menu 5 – set damping this function allows getting a constant display value although the measuring values may vary considerably; the time constant for a simulated low-pass filter can be set (0.3 up to 30 sec permissible)
HILO	menu 6 – exceeding message set "on" or "off"
S1on S1of	menu 7 – set switch-on point set the values, for the activation of contact 1 (S1on) menu 8 – set switch-off point set the values, for the deactivation of contact 1 (S1of)
HY 1 CP 1	menu 9 – select hysteresis or compare mode select hysteresis mode (HY 1) or compare mode (CP 1) for contact 1 ☞ compare "7.4 Description of hysteresis and compare mode"
d1on	menu 10 – set switch-on delay set the value of the switch-on delay after reaching contact 1 (d1on) (0 up to 100 sec permissible)
d1of	menu 11 – set switch-off delay set the value of the delay after reaching switch-off point 1 (d1of) (0 up to 100 sec permissible)
HIPr LoPr	menus 12 and 13 – maximum / minimum value display view high pressure (HIPr) or low pressure (LoPr) during the measurement process (the value will not remain stored if the power supply is interrupted) ☞ to erase: push both buttons again within one second
dLdS	menu 14 – measured value update (display) set the length of the update cycles for the display (0.0 up to 10 sec permissible)
special menus (to access a special menu, select the menu item "PAof" with the ▲- or ▼-button and confirm it; "1" appears in the display)	
FS S	special menu 1 – full scale compensation for full scale compensation, which is necessary if the indicated value for full scale differs from the real full scale value in the application: a compensation is only possible with a respective reference source, if the deviation of the measured value is within defined limits; set "0238"; confirm with both buttons; "FS S" will appear in the display; now it is necessary to place the device under pressure (the pressure must correspond to the end point of the pressure measuring range); push both buttons, to store the signal being emitted from the pressure switch as full scale; in the display the set end point will appear although the full scale sensor signal is displaced. ☞ the analogue output signal (for devices with analogue output) is not affected by this change
oF S	special menu 2 – offset compensation / position correction set "0247"; confirm menu item; if offset ≠ ambient pressure it is necessary to place the device under pressure (pressure reference has to correspond to the zero point of the pressure measuring range); push both buttons to store the signal being emitted from the pressure switch as offset; in the display the set zero point will appear although the sensor signal in the offset is displaced ☞ a position correction is necessary, if the installation position differs from the calibration position (otherwise this can cause a little deviation of the signal, which gives a wrong value indication) ☞ the analogue output signal (for devices with analogue output) is not affected by this change; when displacing the offset, the full scale will also be displaced
LoAd	special menu 3 – load defaults set "0729"; to load the defaults, push both buttons simultaneously ☞ any changes carried out will be reset (password will be set on "0005")
SEtP	special menu 4 – set password set "0835"; confirm with both buttons; "SEtP" appears in the display; set the password using the ▲- or ▼-button (0 ... 9999 are permissible, the code numbers 0238, 0247, 0729, 0835 are exempt); confirm the password by pushing both buttons simultaneously

7. Placing out of service

- ⚠ **WARNING!** When dismantling the device, it must always be done in the depressurized and currentless condition! Check also if the medium has to be drained off before dismantling!
- ⚠ **WARNING!** Depending on the medium, it may cause danger for the user. Comply therefore with adequate precautions for purification.

8. Maintenance

In principle, this device is maintenance-free. If desired, the housing of the device can be cleaned when switched off using a damp cloth and non-aggressive cleaning solutions.

9. Return

Before every return of your device, whether for recalibration, decalcification, modifications or repair, it has to be cleaned carefully and packed shatter-proofed. You have to enclose a notice of return with detailed defect description when sending the device. If your device came in contact with harmful substances, a declaration of decontamination is additionally required. Appropriate forms can be downloaded from our homepage www.bdsensors.com. Should you dispatch a device without a declaration of decontamination and if there are any doubts in our service department regarding the used medium, repair will not be started until an acceptable declaration is sent.

- ⚠ **If the device came in contact with hazardous substances, certain precautions have to be complied with for purification!**

10. Disposal

The device must be disposed of according to the European Directive 2012/19/EU (waste electrical and electronic equipment). Waste of electronic equipment must not be disposed of in household waste!



- ⚠ **WARNING!** Depending on the measuring medium, deposit on the device may cause danger for the user and the environment. Comply with adequate precautions for purification and dispose of it properly.

11. Warranty conditions

The warranty conditions are subject to the legal warranty period of 24 months from the date of delivery. In case of improper use, modifications of or damages to the device, we do not accept warranty claims. Damaged diaphragms will also not be accepted. Furthermore, defects due to normal wear are not subject to warranty services.

12. Declaration of conformity / CE

The delivered device fulfils all legal requirements. The applied directives, harmonised standards and documents are listed in the EC declaration of conformity, which is available online at <http://www.bdsensors.com>. Additionally, the operational safety is confirmed by the CE sign on the manufacturing label.