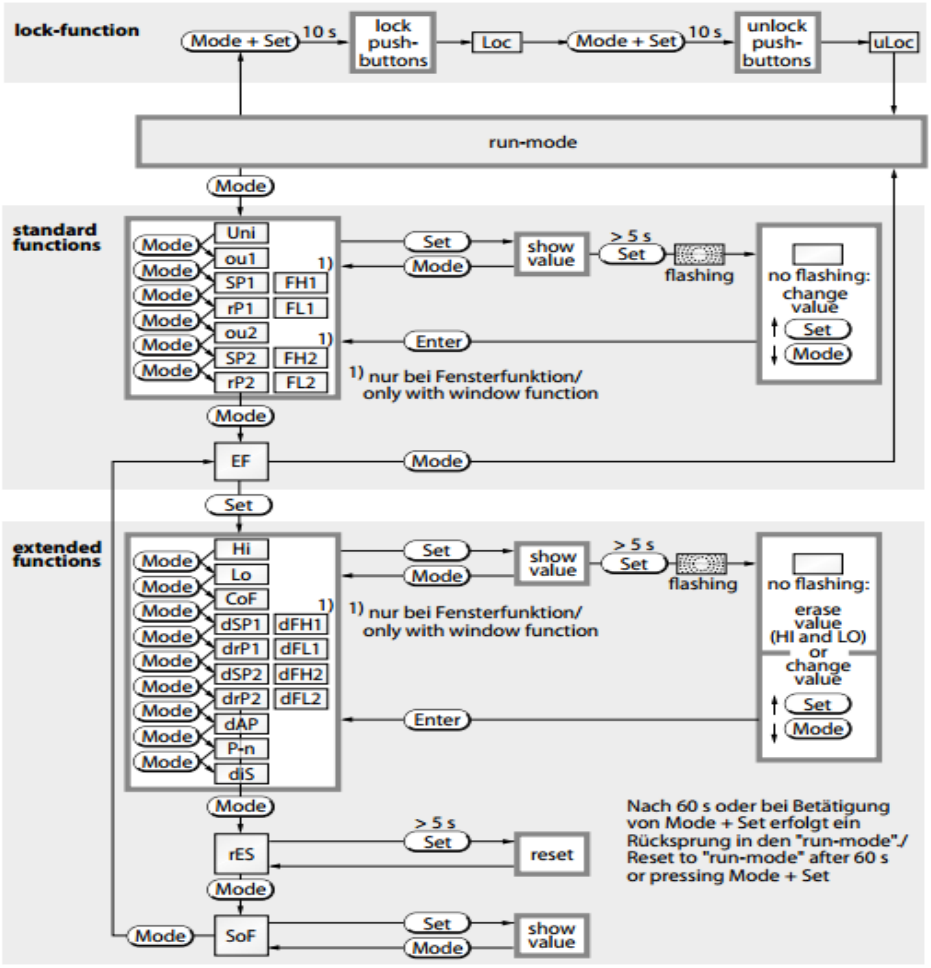
Programing PS sensors

- ► Press **Mode** until desired menu option is displayed (see below for options and map)
- ► To see current setting press **Set**
- ► To change current setting press and hold **Set** for 5 seconds the display will flash 5 times once the display has stopped flashing, the setting can be changed by using the **Set** or **Mode** buttons to scroll through the options in that mode.
- ► Once the desired value has been reached press **Enter** using a small screwdriver or Allen wrench. This will bring you back to the mode menu.
- ► Note: If enter is not pressed, after one minute the sensor will return to displaying pressure, with out a change to the parameter.
- ►

If you hold **Mode** and **Set** until "Loc" this will lock the programing access, to unlock press and hold **Mode** and **Set** until "uLoc" appears

Mode x 1 Uni = Unit of pressure
Mode x 2 ou1 = Output 1 behavior
Mode x 3 SP1 = Output 1 set point
Mode x 4 rP1 = Output 1 release point
Mode x 5 ou2 = Output 2 behavior
Mode x 6 SP2 = Output 2 set point / ASP = Analog start point
Mode x 7 rP2 = Output 2 release point / AEP = Analog end point
Mode x 8 EF = Extra functions ► Press **Set** to get into extra functions once "EF" is displayed

Mode x 1 HI = Max value memory
Mode x 2 Lo = Min value memory
Mode x 3 CoF = Offset correction
Mode x 4 dSP1 = SP1 delay
Mode x 5 drP1 = rP1 delay
Mode x 6 dAP = Damping of switch point
Mode x 7 dAA = Damping of Analog output
Mode x 8 P-n = Switch point characteristics
Mode x 9 diS = Display update/display orientation
Mode x 10 rES = Factory reset
Mode x 11 S0F = Software version



Explanation of terms and options

Uni = Unit of pressure
- BAR = Bar
- PSI = Pressure per square inch
- kPa = Kilo Pascal
- MPa = Mega Pascal
- Ud1 = Millibar/Hektopascal
- Ud2 = mmHg/Torr
- Ud3 = inH2O (68°F)
- Ud4 = inH2O (39°F)
- Ud5 = ftH2O (39°F)
- Ud6 = inHg (60°F)
- Ud7 = inHg (32°F)
- Ud8 = mH2O (16°C)
- Ud9 = mH2O (4°C)
- Ud10 = Kg/cm²

ou1 = Output 1 behavior
- Hno = Hysteresis function normally open
- Hnc = Hysteresis function normally closed
- Fno = Window function normally open
- Fnc = Window function normally closed

SP1 = Output 1 set point in hysteresis mode
- Upper limit value, at which output 1 changes state with increasing pressu

rP1 = Output 1 release point in hysteresis mode
- Lower limit value, at which output 1 changes state with decreasing press

FH1 = Output 1 upper switch point by window function
- Upper switch point, at which output 1 changes state

FL1 = Output 1 Lower switch point by window function
- Lower switch point at which output 1 changes state

ou2 = Output 2 behavior
- Hno = Hysteresis function normally open
- Hnc = Hysteresis function normally closed
- Fno = Window function normally open
- Fnc = Window function normally closed

SP2 = Output 2 set point in hysteresis mode
- Upper limit value, at which output 1 changes state with increasing pressure

rP2 = Output 2 release point in hysteresis mode
- Lower limit value, at which output 1 changes state with decreasing pressure

FH2 = Output 2 upper switch point by window function
- Upper switch point, at which output 1 changes state

FL2 = Output 2 Lower switch point by window function
- Lower switch point at which output 1 changes state

ASP = Initial point of the analog signal
- Pressure value at 4mA

AEP = End point of the analog signal
- Pressure value at 20mA

EF = Extra functions
- Press select to enter extra functions

HI = Max value memory
- Hold for 5 seconds to reset

Lo = Min value memory
- Hold for 5 seconds to reset

CoF = Offset correction
- Used to counter act thermo-drift adjustment range is ±5%

dSP1 = Switching delay of SP1 adjustable range 0.1…50 s in increments of .1 s

drP1 = Switching delay of rP1 adjustable range 0.1…50 s in increments of .1 s

dFH1 = Switching delay of FH1 adjustable range 0.1…50 s in increments of .1 s

dFL1 = Switching delay of FL1 adjustable range 0.1…50 s in increments of .1 s

dSP2 = Switching delay of SP2 adjustable range 0.1…50 s in increments of .1 s

drP2 = Switching delay of rP2 adjustable range 0.1…50 s in increments of .1 s

dFH2 = Switching delay of FH2 adjustable range 0.1…50 s in increments of .1 s

dFL2 = Switching delay of FL2 adjustable range 0.1…50 s in increments of .1 s

dAP = Damping of switch point
- Pressure variations can be filtered out in .01…4 s in increments of .01 s

dAA = Damping of analog signal
- Pressure variations can be filtered out in .01…4 s in increments of .01 s

P-n = Switch point characteristics
- nPn = NPN
- PnP = PNP

diS = Display update/display orientation
- 50 = 50 ms update
- 200 = 200 ms update
- 600 = 600 ms update
- r50 = 50 ms update display rotated by 180°
- r200 = 200 ms update display rotated by 180°
- r600 = 600 ms update display rotated by 180°
- OFF = press set button for temporary display of measured value

rES = Factory reset
- Hold for 5 seconds to reset

S0F = Software version
- Press select to see version