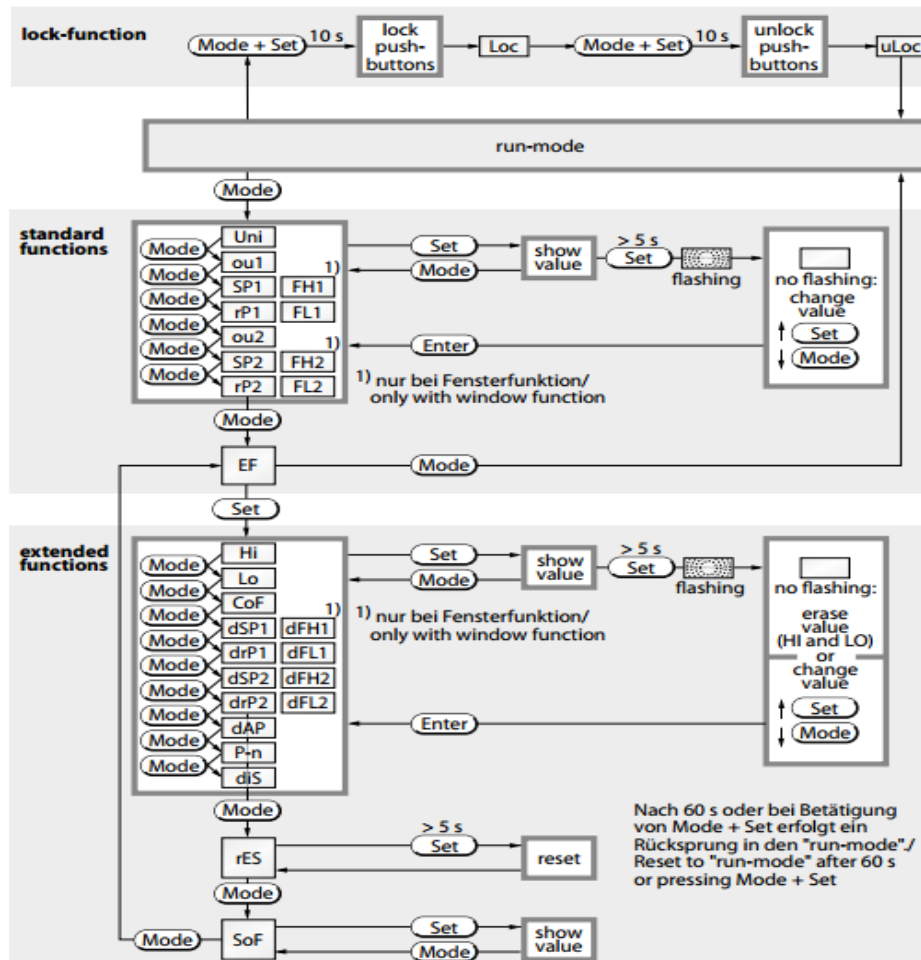


Programing PS sensors

- ▶ 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 | SoF | = | Software version |



Explanation of terms and options

Uni	= Unit of pressure		EF	= Extra functions
	• BAR = Bar	• Ud4 = inH2O (39°F)		• Press select to enter extra functions
	• PSI = Pressure per square inch	• Ud5 = ftH2O (39°F)	HI	= Max value memory
	• kPa = Kilo Pascal	• Ud6 = inHg (60°F)		• Hold for 5 seconds to reset
	• MPa = Mega Pascal	• Ud7 = inHg (32°F)	Lo	= Min value memory
	• Ud1 = Millibar/Hektopascal	• Ud8 = mH2O (16°C)		• Hold for 5 seconds to reset
	• Ud2 = mmHg/Torr	• Ud9 = mH2O (4°C)	CoF	= Offset correction
	• Ud3 = inH2O (68°F)	• Ud10 = Kg/cm ²		• Used to counter act thermo-drift adjustment range is ±5%
ou1	= Output 1 behavior		dSP1	= Switching delay of SP1 adjustable range 0.1...50 s in increments of .1 s
	• Hno = Hysteresis function normally open		drP1	= Switching delay of rP1 adjustable range 0.1...50 s in increments of .1 s
	• Hnc = Hysteresis function normally closed		dFH1	= Switching delay of FH1 adjustable range 0.1...50 s in increments of .1 s
	• Fno = Window function normally open		dFL1	= Switching delay of FL1 adjustable range 0.1...50 s in increments of .1 s
	• Fnc = Window function normally closed		dSP2	= Switching delay of SP2 adjustable range 0.1...50 s in increments of .1 s
SP1	= Output 1 set point in hysteresis mode		drP2	= Switching delay of rP2 adjustable range 0.1...50 s in increments of .1 s
	• Upper limit value, at which output 1 changes state with increasing pressure		dFH2	= Switching delay of FH2 adjustable range 0.1...50 s in increments of .1 s
rP1	= Output 1 release point in hysteresis mode		dFL2	= Switching delay of FL2 adjustable range 0.1...50 s in increments of .1 s
	• Lower limit value, at which output 1 changes state with decreasing pressure		dAP	= Damping of switch point
FH1	= Output 1 upper switch point by window function			• Pressure variations can be filtered out in .01...4 s in increments of .01 s
	• Upper switch point, at which output 1 changes state		dAA	= Damping of analog signal
FL1	= Output 1 Lower switch point by window function			• Pressure variations can be filtered out in .01...4 s in increments of .01 s
	• Lower switch point at which output 1 changes state		P-n	= Switch point characteristics
ou2	= Output 2 behavior			• nPn = NPN
	• Hno = Hysteresis function normally open			• PnP = PNP
	• Hnc = Hysteresis function normally closed		diS	= Display update/display orientation
	• Fno = Window function normally open			• 50 = 50 ms update
	• Fnc = Window function normally closed			• 200 = 200 ms update
SP2	= Output 2 set point in hysteresis mode			• 600 = 600 ms update
	• Upper limit value, at which output 1 changes state with increasing pressure			• r50 = 50 ms update display rotated by 180°
rP2	= Output 2 release point in hysteresis mode			• r200 = 200 ms update display rotated by 180°
	• Lower limit value, at which output 1 changes state with decreasing pressure			• r600 = 600 ms update display rotated by 180°
FH2	= Output 2 upper switch point by window function			• OFF = press set button for temporary display of measured value
	• Upper switch point, at which output 1 changes state		rES	= Factory reset
FL2	= Output 2 Lower switch point by window function			• Hold for 5 seconds to reset
	• Lower switch point at which output 1 changes state		SOF	= Software version
ASP	= Initial point of the analog signal			• Press select to see version
	• Pressure value at 4mA			
AEP	= End point of the analog signal			
	• Pressure value at 20mA			