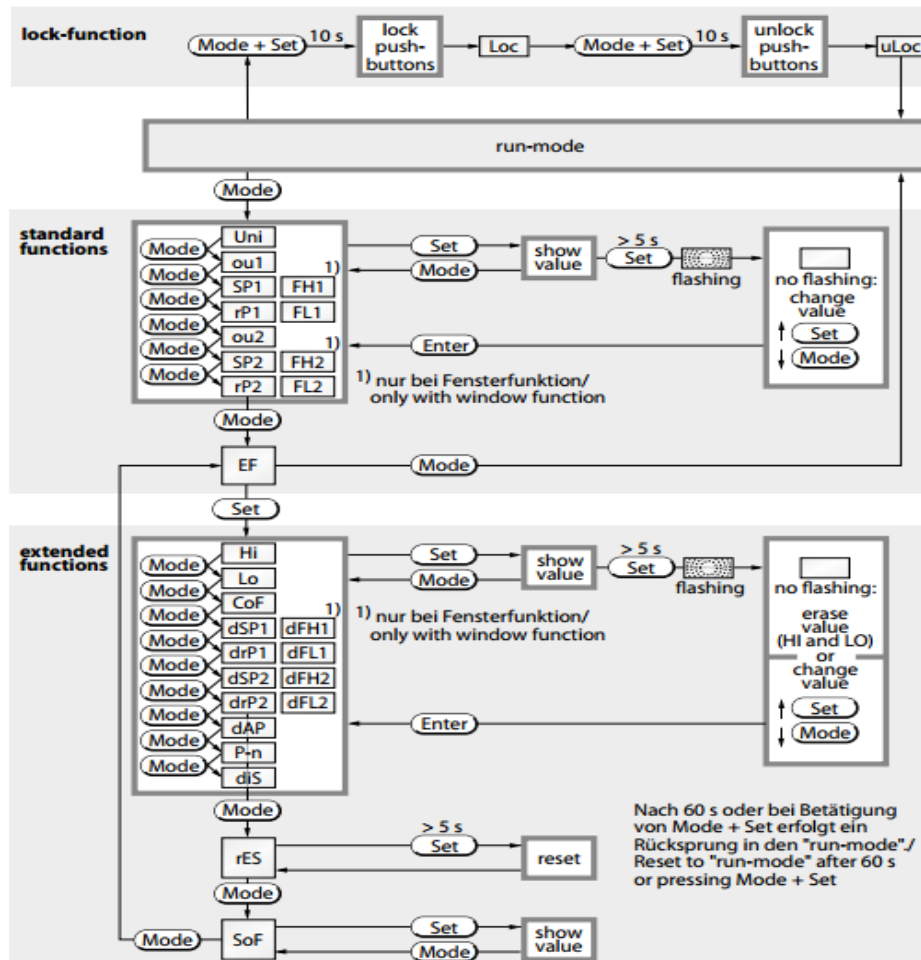


# Programing PS sensors

- ▶ 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

<b>Mode</b>	x	1	Uni	=	Unit of pressure	
<b>Mode</b>	x	2	ou1	=	Output 1 behavior	
<b>Mode</b>	x	3	SP1	=	Output 1 set point	
<b>Mode</b>	x	4	rP1	=	Output 1 release point	
<b>Mode</b>	x	5	ou2	=	Output 2 behavior	
<b>Mode</b>	x	6	SP2	=	Output 2 set point / ASP = Analog start point	
<b>Mode</b>	x	7	rP2	=	Output 2 release point / AEP = Analog end point	
<b>Mode</b>	x	8	EF	=	Extra functions	▶ Press <b>Set</b> to get into extra functions once "EF" is displayed
<b>Mode</b>	x	1	HI	=	Max value memory	
<b>Mode</b>	x	2	Lo	=	Min value memory	
<b>Mode</b>	x	3	CoF	=	Offset correction	
<b>Mode</b>	x	4	dSP1	=	SP1 delay	
<b>Mode</b>	x	5	drP1	=	rP1 delay	
<b>Mode</b>	x	6	dAP	=	Damping of switch point	
<b>Mode</b>	x	7	dAA	=	Damping of Analog output	
<b>Mode</b>	x	8	P-n	=	Switch point characteristics	
<b>Mode</b>	x	9	diS	=	Display update/display orientation	
<b>Mode</b>	x	10	rES	=	Factory reset	
<b>Mode</b>	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 <sup>2</sup>			• 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				