



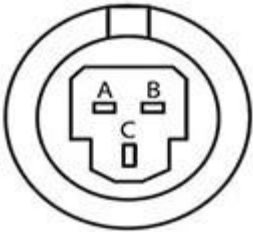
CALIBRATION INSTRUCTIONS - 2019/01/16

The new MPSxx pressure sensor series is available in 4 ranges:

MPS2 = 2 Bar / 30 psi ; MPS5 = 5.17 Bar / 75 psi

MPS7 = 6.89 Bar / 100 psi ; MPS10 = 10.32 Bar / 150 psi

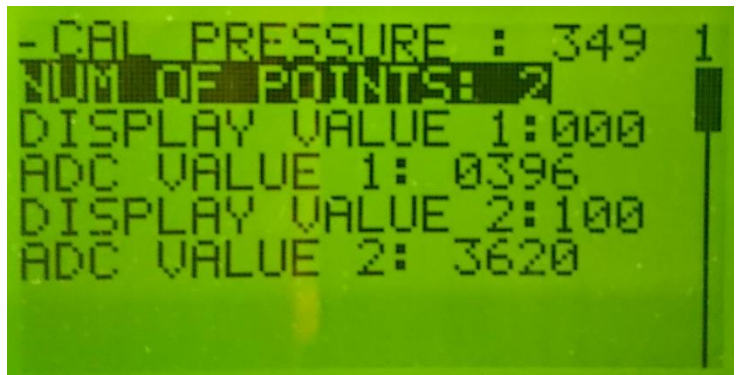
This sensor has 3 wires and is immune to earth problems and mounting location problems.



Pins	Functions	Color
A	EARTH to EMS BLACK	Black
B	EMS Supply 12V+ to EMS RED	Red
C	SIGNAL Output + to EMS GREY	Blue

Once connected, set the CALIBRATION:

- Go to PRESSURE SETUP
- PRESS SENDER <enter>
- Select USER <enter>
- CALIBRATE SENDER <enter>
- NUM OF POINTS = 2



DISPLAY VALUE 1 = 000

- ADC VALUE 1 = CAL PRESSURE value when the device is on and pressure is zero.
- DISPLAY VALUE 2 =

SENSOR	Display Value 1	ADC Value 1	Display Value 2		ADC Value 2
			Bar(x10)	Psi(x10)	
MPS2	0	196	20	300	3756
MPS5	0	308	50	725	3564
MPS7	0	336	50	725	2752
MPS10	0	364	50	725	1972

If you feel the accuracy is not perfect (Variations in vehicle wiring) you can enter:

- DISPLAY VALUE 1 = 0 and CAL PRESSURE @ 0 pressure into ADC VALUE 1
- DISPLAY VALUE 2 = [Input Pressure] and CAL PRESSURE value@ [Input Pressure] into ADC VALUE 2