

ECO-SURE LXH CO SENSOR + 4-20 mA p.c.b. Operating Instructions

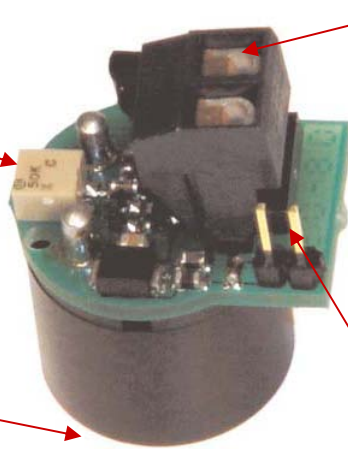
Potentiometer

for calibration adjustment

Please note: No zero adjustment required as automatically compensated

Test Gas

For calibration, flow 50ppm CO through a test flow cap. Test Gas Cap, installation kit and Calibration Gases also available from Euro-Gas. Please ask for details



Two wire screw terminal

for 12V d.c. power supply (+/-10%); +4-20mA signal output

Please note: No polarity (+/-) requirements

Test pins for one man calibration; 0.4 – 2.0 volts signal output

Two wire screw terminal: The transmitter has a two wire screw terminal to connect a 12V d.c. power supply. There is no polarity requirement across the two screw terminals (i.e. there is no +/- logic).

On the same two wires, you will receive the 4-20 mA signal output. The transmitter is precalibrated on 0-300ppm CO (or 0-500ppm CO if requested to special order). When there is zero CO concentration, you will receive a 4mA signal. With a 300ppm concentration, you will receive a 20mA signal.

Potentiometer: This is used for adjusting the signal to the correct value if you apply a test gas concentration to the transmitter and it gives an incorrect signal.

Test pins: The two test pins allow for one man calibration. Please kindly note that the signal here is not 4-20 mA but **0.4 – 2.0 Volts**.

Carbon Monoxide concentration	0ppm	100ppm	200ppm	300ppm
Signal at wires	4 mA	9.33 mA	14.7 mA	20 mA
Signal at test pins	0.4 V	0.93 V	1.47 V	2.0 V

