

# AWX SENSOR TECH

## SPECIFICATION SHEET FOR CO SENSOR STANDARD

### CO-3/1000

Nominal Range 0 – 1000 ppm  
Maximum Overload 2000 ppm  
Expected Operation Life 3 years in air  
Output Signal 120 +/- 20 nA/ppm  
Resolution 1.0 ppm  
Temperature Range - 30 °C to + 30 °C  
Pressure Range Atmospheric +/-10 %  
 $t_{90}$  Response Time < 30 sec  
Relative Humidity Range 15 % to 90 % R.H. non-condensing  
Typical Baseline Range (pure air, 20°C) – +/- 7 ppm  
Maximum Zero Shift (+20°C to +40 °C) 2.0 ppm  
Expected Long Term Output Drift < 1 % signal loss/month  
Recommended Load Resistor 10 Ohm  
Bias Voltage Not required  
Repeatability < 2 % of signal  
Output Linearity Linear

Weight ~ 28 g  
Position Sensitivity None  
Storage Life Six months in container  
Recommended Storage Temperature 5 °C – 20 °C  
Warranty Period 12 months from date of dispatch

#### PERFORMANCE CHARACTERISTICS

##### CROSS-SENSITIVITY DATA

Interfering Gas Concentration Reading  
H<sub>2</sub>S 20 ppm < 50 ppm  
SO<sub>2</sub> 20 ppm < 10 ppm  
NO<sub>2</sub> 10 ppm -5.0 ppm  
Performance data conditions:  
20 °C, 50% RH and 1013 mbar

#### APPLICATIONS

Safety and Environmental Control  
For Fixed Gas Detectors

