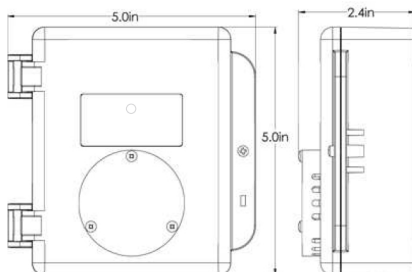




# ANALOG GAS DETECTORS DATASHEET

## LPT Low Power Transmitter

### TECHNICAL DRAWING



*Note: Drawings above are shown with an optional splash guard. Without splash guard, thickness of unit is 53.34 mm (2.1 inches).*

The LPT is an economical, single sensor, analog transmitter for monitoring toxic gases non-hazardous, non-explosion proof rated commercial and light industrial applications. This basic transmitter is designed to be part of a fixed system with a Controller for applications such as car parks, vehicle repair, recreation facilities and oxygen depletion environments. It features a two-wire loop power, three-wire VDC or four-wire VAC power, 4 - 20 mA linear output signal, thermal resetting fuses, temperature compensation, and visual LED indication for power and fault conditions, all in a RoHS compliant package. Comes standard with a water / dust tight, corrosion resistant ABS / polycarbonate enclosure with a hinged, secured door. With the optional splash guard installed, the enclosure is IP54 rated and ideal for use in water spray or wash down applications.

Automated calibration and other maintenance procedures are simple and easily performed in the field. For parking garage applications, our proprietary Calibration Extending Firmware (CEF) takes into account the aging of the sensors so that less frequent calibrations are acceptable in non-critical applications.

### KEY FEATURES

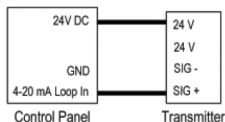
- » Single sensor
- » Linear 4 - 20 mA output signal
- » 2-wire loop, 3-wire VDC or 4-wire VAC power
- » Standard water / dust tight corrosion resistant enclosure (drip proof); IP54 rated with optional splash guard installed.
- » RoHS compliant package
- » Auto resetting fuses
- » Includes sensor CEF (calibration extending firmware)

### APPLICATIONS

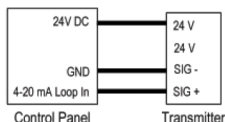
- » Parking Garages/Car Parks
- » Vehicle Repair Shops
- » Manufacturing Plants
- » Maintenance Facilities
- » Commercial Swimming Pools
- » Ice Arenas
- » Food Processing Plants
- » Fisheries/Hatcheries
- » Chemical Storage Rooms
- » ... and many more

### WIRING

#### 2-Wire Loop



#### 3-Wire VDC



#### 4-Wire VAC

