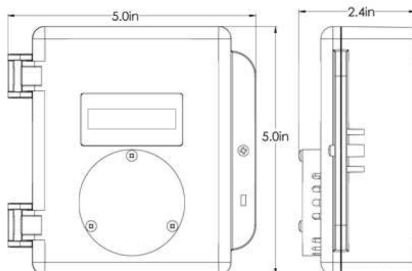




GAS DETECTION REMOTE DEVICES DATASHEET

ESH-A Remote Sensor

TECHNICAL DRAWING



Note: Drawings above are shown with an optional splash guard. Without splash guard, thickness of unit is 2.1" (53 mm).

The ESH-A Remote Sensor offers flexible location monitoring of combustible or PID TVOC gases in non-hazardous, non-explosion rated, commercial and light industrial applications. It communicates with a controller or transmitter using current loop into a 100 ohm load or a voltage signal of 0.40 to 2 volts. It can be located at a maximum distance of 200 meters from the controller or transmitter.

The ESH-A Remote Sensor comes in a standard water / dust tight, corrosion resistant ABS / polycarbonate enclosure with a hinged, secure door and is designed to protect the sensor and provide easy mounting components. An optional splash guard may be installed to further protect the remote sensor in water spray or washdown applications.

The mounting height of the ESH-A Remote Sensor depends on the gas being monitored. A gas that is heavier than air should be detected 6 inches from the floor and a gas that is lighter should be detected on or near the ceiling. A gas that has the same density as air should be detected in the "breathing zone", where most human breathing takes place, which is 1 to 2 m (4 to 6 ft) from the floor.

KEY FEATURES

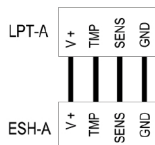
- » Allows remote location monitoring of combustible or PID TVOC gases.
- » Current or voltage output signal
- » Communicates with CETCI's controllers and transmitters
- » Easy to install and maintain
- » Standard water / dust tight, corrosion resistant enclosure (drip proof); IP54 rated with optional splash guard installed. Keeps sensor dry, clean and protected.

APPLICATIONS

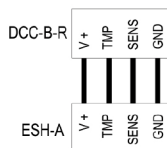
- » Parking Garages
- » Equipment/ Machinery Rooms
- » Manufacturing Plants
- » Power Generation Plants
- » Airport Maintenance Hangers
- » ... and many more

WIRING

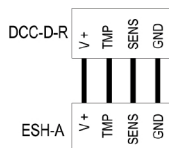
ESH-A wiring to LPT-A



ESH-A wiring to DCC-B-R



ESH-A wiring to DCC-D-R



ESH-A wiring to SCC-B-R

