

## AMC-360-IREP Series Infrared Sensor/Transmitter

The AMC-360-IREP Series brings together the specificity and exceptional service life of infrared sensing technology with the reliability of our 360 series transmitter at a competitive price.

In combustible gas applications, the AMC-360-IREP presents an excellent alternative to traditional catalytic sensor/transmitters over the life of the product.

The AMC-360-IREP works with all AMC monitors, and many 3<sup>rd</sup> party control systems.

**Detectable Gas:** Methane, Propane, Butane, Ethane, Hexane, Ethylene, Pentane, and many other Hydrocarbons, Carbon Dioxide

**Range (HC):** 0-100% LEL (some 0-100% Vol. available)

**Range (CO<sub>2</sub>):** Ranges from 0-500ppm up to 0-100% Vol

**Signal Output:** 4-20 mA

**Sensor Type:** Non-Dispersive Infrared (NDIR)

**Enclosure:** Explosion Proof Class 1, Div 1 Groups BCD

**Voltage Requirement:** 12-26 VDC

**Installation Wiring:** Three conductor shielded cable

**Resolution:** 1% of full scale

**Response Time:** 90% response in less than 30 seconds

**Operating Temperature:** -20°C to +50°C continuous

**Operating Humidity:** 0-95% R.H. Non Condensing

**Sensor Life Expectancy:** Greater than 5 years

**Approvals :** Sensor Housing CSA/CSA USA Cl 1 Div 1 ABCD  
Trx Housing As identified below



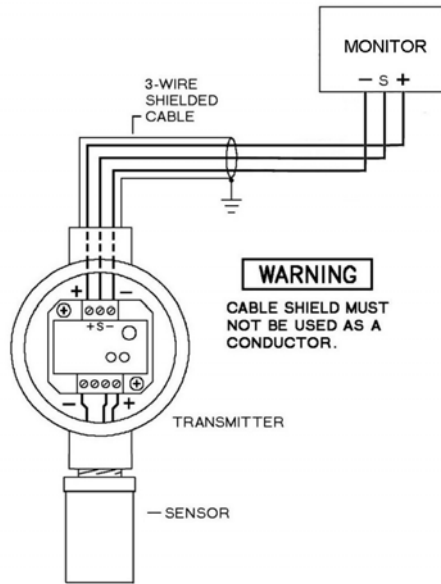
**BUILT WITH 100% GREEN ELECTRICITY**

Part Number	Description
AMC-360-IREP-8	Hydrocarbons, Explosion Proof Class 1, Div. 1, BCD
AMC-360-IREP-9	Hydrocarbons, Corrosion Resistant Explosion Proof Class 1, Div. 1, BCD
AMC-360-IREP-CO2-8	Carbon Dioxide, Explosion Proof Class 1, Div. 1, BCD
AMC-360-IREP-CO2-9	Carbon Dioxide, Corrosion Resistant Explosion Proof Class 1, Div. 1, BCD



## AMC-360-IREP WIRING DIAGRAMS

### Wiring to AMC Monitor



### Wiring to Non-AMC Monitor

