

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 3rd 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 (CO₂): 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 CI 1 Div 1 ABCD
Trx Housing As identified below



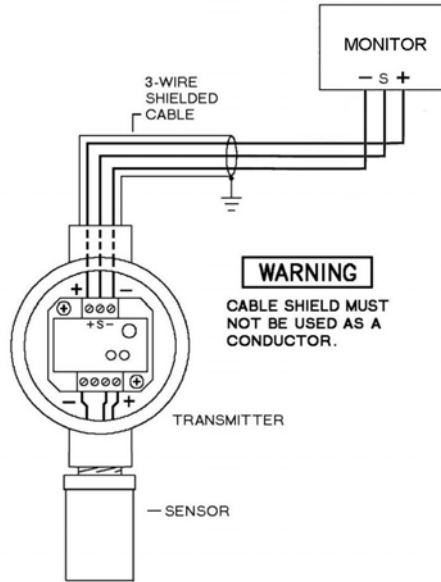
BUILT WITH 100% GREEN ELECTRICITY

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

