Manning AirScan™ IRF9

Honeywell

Protect the environment while protecting your bottom line — with Infrared refrigerant gas sensing solutions from Honeywell Analytics

Manning AirScan™ IRF9 sensor/transmitter

Refrigerant Specific
- Rapid response to refrigerants including R-404a, R-22, R-507, R-134a, R-407a, R-410a, R-422d, NH_3 and CO_2
- Internal monitoring of 4/20 mA loop circuitry continuously

Diffusion-Design Sensor
- Has no moving parts and doesn't require pumps or filters
- All points of detection can be monitored continuously at an affordable cost

Versatility
- Can be used with any Honeywell Analytics readout
- Standard range of 0-3,000 ppm, can be rescaled for lower trip points
- Provides a linear output of 4/20 mA as a function of refrigerant concentration
- Simple, real-time calibration eliminates maintenance downtime
- Automatically adapts to fluctuating temperatures

Long-Lasting Performance
- Unique internal reference channel compensates for dust particles, source degradation, humidity and temperature fluctuation, food odours, chemical cleaners, etc.

ATMOS™ Technology
- Allows for operation down to -60°F and in condensing humidity environments or during washdown
- Automatically adapts to its environment and provides accurate and reliable performance under the harshest conditions

SensorCheck™ Technology
- Checks operating parameters of sensors and sends a notification output signal if an anomaly is identified
- Tests the sensor every 24 hours for electrical viability
- Indication can be detected by a Manning gas monitor or PLC

Housing
- High-mass metal bench provides structural and thermal stability and greater immunity to vibration
- Superior EMI/RFI shielding

Be green and save green. Choose Honeywell Analytics for all your refrigerant gas monitoring needs.

The industrial refrigeration industry is changing rapidly. The manufacture of R-22 and other HCFCs are being phased out, and manufacturers of cooling systems are introducing new equipment that runs on 407a, 422d, 410a, NH_3 and CO_2. In step with these changes, EPA fines have escalated for anyone venting ozone-depleting gases. What's your best move? With Honeywell Analytics, you can green the environment—and green your bottom line.

Honeywell Analytics Infrared monitoring solutions are designed to help your plant operate more efficiently and cost effectively. Unlike sample draw systems which take longer to pinpoint a gas leak, our diffusion sensing technology cuts downtime and the cost of expensive refrigerant replacement. Other technological advantages include flexible standalone or networkable configurations, long operating life expectancy (10+ years); fewer calibration requirements; self-monitoring SensorCheck technology; guaranteed EPA compliance; and accurate, reliable response to all refrigerant gases used in industrial or commercial processes.

Applications
- Banana and Produce Rooms
- Beverage Plants
- Chemical Plants
- Confined Space Entry
- Food Processing
- Gas Bottling Plants
- Ice Rinks
- Product Coolers
- Rack Houses
- Refrigeration Systems
- Supermarkets
- Wineries

Find out more
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