

# IntelliScent™ Odorant Monitor



The IntelliScent™ Odorant Monitor uses industry-proven electrochemical sensor technology to measure the level of odorants in natural gas.

## Features & Benefits

- Designed for use in Class I, Div 1 Hazardous Locations
- Sensors for mercaptan, THT, and common odorant mixtures
- Large LCD color display shows current reading, alarms, and status
- Welker IntelliScent™ App provides local wireless monitoring and control
- Manual or automatic calibration from stream or cal reference gas
- Built-in flow meter provides visual confirmation of gas flow rate



## SPECIFICATIONS

INTELLISCENT™ ODORANT MONITOR

### IntelliScent™

Materials of Construction

Instrument Housings: Aluminum

Tubing & Fittings: 316 Stainless Steel

Temperature Range

-4 °F to 122 °F

Power

DC 12 V ± 5% @ <12 W

Analog Output

4–20mA, 750 Ω Loop Resistance

Digital Output

R-485 2-Wire ModBus

Connections

Filter Drain

Purge Air Inlet

Sample Exhaust

Sample Inlet: 1/4" Tubing

Utility Requirements

Ambient Air for Purge

Temperature Range: 14 °F to 104 °F

Humidity Range: 10–95% RH, Non-Condensing

Sample Rate

Up to 24 Samples Per Day at 1-Hour Intervals

Operating Pressure

1500 psig MAOP @ -32 °F to 122 °F

Electrical Area Classification

CSA Class I, Div. 1, Groups B,C, and D (Sensor)

