MODEL DM-600-H2S
HYDROGEN SULFIDE SENSOR ASSEMBLY

Electrochemical Fuel Cell

MicroSafe™ Intelligent Sensor

DESCRIPTION

Detcon Model DM-600IS-H2S sensor is designed to detect and monitor H2S in air over the range 0-100 ppm. The sensor assembly consists of an electrochemical fuel cell mounted in an Intrinsically Safe stainless steel and ABS plastic housing that includes a splashguard with integral cal port, a signal conditioning control transmitter circuit, a base connector board and an explosion proof junction box. The Intrinsically Safe sensor housing design allows direct contact of the target gas to the electrochemical sensor, thus maximizing response time, detectability and repeatability. And because the Intrinsically Safe housing design does not use a stainless steel flame arrestor, it eliminates inaccurate readings due to target gas absorption.

FEATURES

- CSA and UL Approved: Class 1, Div. 1, Groups B, C, & D
- Outputs: 4-20 mA, RS-485 Modbus™, 3 relays (2 alarm, 1 fault)
- Sensor status and parameters accessible via RS-485 Modbus™
- Simple menu driven calibration - takes less than 3 minutes
- Backlit LCD, and LED indicators for Fault, and Cal status
- Universal plug-in transmitter
- Intrinsically Safe Sensor Housing
- Plug-in field-replaceable transmitter
- Electrochemical plug-in sensor

ORDER GUIDE

PN 966-242480-100  DM-600IS-H2S in Aluminum Junction Box
PN 966-24248B-100  DM-600IS-H2S in Stainless Steel Junction Box

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