

Quickstart Guide

SmartIR Infrared Sensor



P/N 10-0247-3W Stainless Steel Sensor Head
P/N 10-905x SmartIR Smart Sensor Module

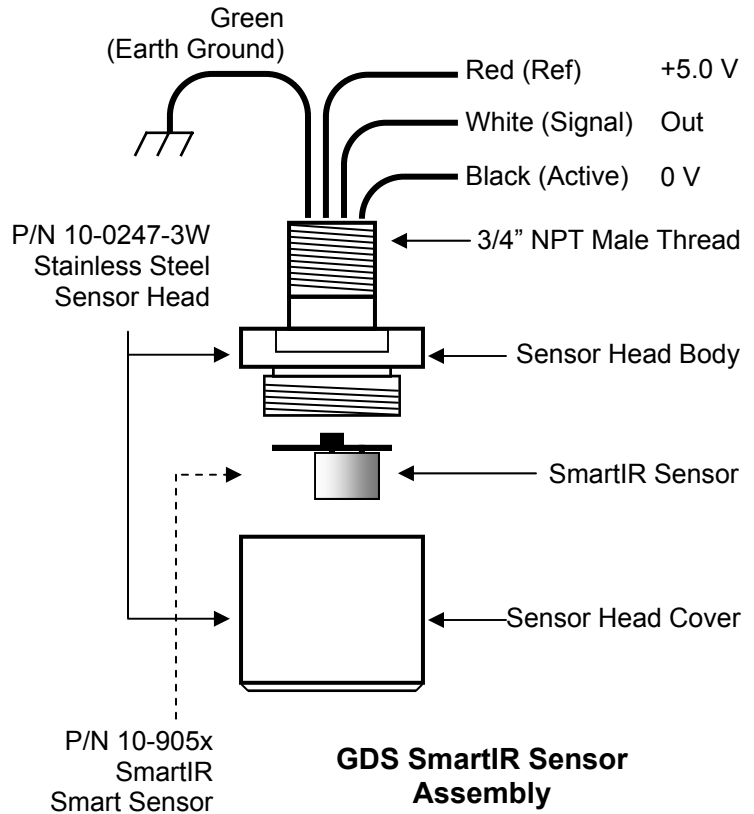
CAUTION: SmartIR sensors must be balanced and calibrated after installation. Refer to the instruction manuals for the specific controllers involved. Periodic calibration is required to maintain rated accuracy.

Sensors must be installed in accordance with distance limitations published in the individual controller manuals.

Sensors are designed to be mounted vertically as shown, supported by the 3/4" NPT thread. Mounting in any other orientation may lead to sensor failure or incorrect readings. Alteration of the assembly may compromise the explosion-proof nature of the assembly.

Do not paint the sensor assembly.

Unless protected with a P/N10-0198 Splash Guard, protect the sensor assembly from dripping liquids or high power sprays.



GDS SmartIR Sensor Assembly

FOR REPLACEMENT PARTS, ORDER GDS PART NUMBER:

- 10-0247-3W Stainless Steel Sensor Head
- 10-9050 SmartIR 0-100% LEL Methane Sensor Module
- 10-9051 SmartIR 0-100% LEL Propane Sensor Module
- 10-9052 SmartIR 0-100% by Volume Methane Sensor Module
- 10-9053 SmartIR 0-5% by Volume CO₂ Sensor Module
- 10-0198 Sensor Splash Guard with Remote Cal Port
- 10-0203 Sensor Calibration Cup
- 10-0205 Sensor Flow Cell for Process Applications
- 10-0187 Sensor Replacement Tool Kit
- 10-0193 Remote Sensor Head Junction Box

CAUTION!

Normal sensor excitation voltage is 3.0 - 5.0 volts.

Never exceed 6.0 volts across sensor input at any time with sensor in place.

Consult GDS-48 or GASMAX manual for detailed instructions

Voltage in excess of 6.0 volts may destroy the sensor.

**IMPORTANT
DO NOT DISCARD**



**SENSOR
INSTALLATION NOTES**