



GSD Series GasScanner Sample Draw Transmitters



Description

The GSD smart gas detection transmitter series sets a new standard for performance, flexibility, and versatility. The GSD sample-draw transmitter offers an array of sensor technologies unmatched in the industry. The long life high capacity pump and wide variety of sensing elements are replaceable in a few seconds, with no tools required! The smart sensors retain all calibration and sensor-specific data in non-volatile memory, so sensors can be hot-swapped in the field with no programming required. The sensors also retain calibration information, which means they can be conveniently calibrated separate from the transmitter, avoiding transport of calibration gases to field locations.

The GSD firmware automatically corrects for long-term zero and span minimizing maintenance and maximizing reliability. The GSD can be used as a stand-alone device, offering a number of communication protocols to existing PLC systems, or can be integrated with Gas Scanner controller series of single and multi-channel controllers. All GSD transmitters include a large, easy to read integral LCD display, tri-color bar graph for visual notification of alarm status, programmable low and high alarm relays, and fault relay. Pump flow is self-tuning for maintenance-free operation. Because all GSD base units are identical, sensors can be interchanged with no programming or tools required, resulting in maximum flexibility to the user.

Features

- Monitor a wide range of toxics
- Plug and play intelligent sensors retain calibration and sensor data
- Common platform (main unit / sensor / pump) for all detection methods
- Universal main unit (all sensor types)
- Multifunctional sensor unit (new Intelligent sensor)
- No internal tubing (main unit) / No coil (pump)
- Front access, no tools required, easy sensor and pump replacement
- Large size LCD screen
- Various communication methods available (4-20mA, LonWorks, and PoE)
- Minimal maintenance cost through enhanced troubleshooting firmware functions
- Small mounting space

Ordering Information

Model Number	Description
GSD-NH3-75	AMMONIA, 75 ppm, Detector w/ Display
GSD-ASH3-1	ARSINE, 0.2 ppm, Detector w/ Display
GSD-HCL-15	BORON TRICHLORIDE, 15 ppm, Detector w/ Display
GSD-BF3-9	BORON TRIFLUORIDE, 9 ppm, Detector w/ Display
GSD-CO-300	CARBON MONOXIDE, 300 ppm, Detector w/ Display
GSD-CL2-3	CHLORINE, 3 ppm, Detector w/ Display
GSD-B2H6-1	DIBORANE, 0.3 ppm, Detector w/ Display
GSD-DCS-15	DICHLOROSILANE, 15 ppm, Detector w/ Display
GSD-SI2H6-15	DISILANE, 15 ppm, Detector w/ Display
GSD-F2-3	FLUORINE, 3 ppm, Detector w/ Display
GSD-HBR-9	HYDROGEN BROMIDE, 9 ppm, Detector w/ Display
GSD-HCL-6	HYDROGEN CHLORIDE, 6 ppm, Detector w/ Display
GSD-HF-9	HYDROGEN FLUORIDE, 9 ppm, Detector w/ Display
GSD-H2S-30	HYDROGEN SULFIDE, 30 ppm, Detector w/ Display
GSD-NO2-15	NITROGEN DIOXIDE, 15 ppm, Detector w/ Display
GSD-PH3-1-AH	PHOSPHINE, 1 ppm (No H2 response), Detector w/ Display
GSD-SiH4-15-DH	SILANE, 15 ppm (H2 response), Detector w/ Display
GSD-SO2-6	SULFUR DIOXIDE, 6 ppm, Detector w/ Display