

FLOAT LEVEL GAUGING SENSORS

GUARD LEVEL® DFG



SIMPLE AND RELIABLE LEVEL GAUGE WITH 100% DIGITAL DESIGN.

LIGHTED LCD READOUT FOR CONVENIENT DISPLAY.

CALIBRATED FOR LIFE WITH ABSOLUTE ACCURACY OF 5MM (1/4").

SIMPLE 2 WIRE CONNECTION.

ALL STAINLESS-STEEL JUNCTION BOX WITH 2" (50MM) FLANGE.

FULL DEPTH GAUGING AVAILABLE UP TO 20M (64 FT).

INTRINSICALLY SAFE.

ALL STAINLESS-STEEL CONSTRUCTION.

The GUARD LEVEL® Digital Float Gauge (DFG) sensor is a rugged and accurate tank gauge sensor ideal for cargo as well as ballast and service tanks – also available in an ALL-IN-ONE version. The float magnetically actuates a series of digitally interfaced dry reed switches, physically spaced, assuring absolute accuracy and completely eliminating the need for recalibration during its life. This adaptable sensor can be supplied in any length of 0.5m increments up to a maximum of 20m. Add an optional 150 or 300LB flange, it is an ideal setup for LPG/Ethane and other liquefied compressed gas applications.

For cargo tank gauging, The GUARD LEVEL® DFG 250 ALL-IN-ONE version is the perfect solution. It combines the level gauging, High Level (HL) and Overfill Level (HHL), tank pressure, tank temperature (one to three points) and Ullage-Temperature-Interface (UTI) port for MMC vapor control valves or Hermetic style vapor ball valve in a single tank penetration. With a single 6 or 8-core cable to the Master Control Unit (MCU), this sensor significantly reduces installation cost and minimizes trip hazards on deck. The local LCD display can be optionally remote mounted. For simplicity, all electrical/electronic parts can be serviced from tank top without exposing tank vapor to the crew –keeping them safe.



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