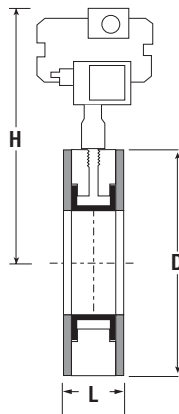
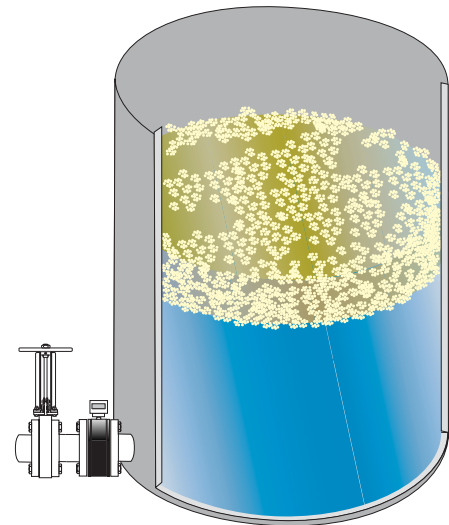


- **Accurate Dependable Level Readings $\pm 2"$**
- **Can be flushed or rodded clean without removing from tank or disassembly**
- **Full 360° pressure reading**
- **Integral LED display available**
- **Simple design**
- **Available for both vented and pressurized tanks**
- **4-20 mA output**

The Red Valve Tank Level Sensors are not affected by foaming, ice and other conditions that can cause errors in Ultrasonic and capacitance Level Sensors. The Red Valve Tank Level Sensor uses a high sensitivity, solid state, pressure transmitter that is completely isolated from the process fluid by an elastomer sleeve that transmits pressure through a fluid fill.

The Pressure Transmitter is available to sense gauge pressure for vented tanks and differential pressure for pressurized tanks. It can easily be calibrated for process fluid density or specific gravity in any height of tank. The output signal is 4-20 mA. An integral LED display is available and can be calibrated in virtually any units, e.g. percentages, inches H₂O, etc.

The elastomer diaphragm provides maximum surface area with minimum diameter allowing installation close to the bottom of the tank. The sensor can also be "rodded" from the outside of the tank to the inside of the tank, if necessary, in the event of severe blockage.



Materials of Construction

- **Body and Flanges**
Carbon Steel, optional 316 Stainless Steel
- **Elastomer Diaphragm**
Buna-N, EPDM, Viton®, Food Grade Rubber
- **Fill Fluid**
Silicone Oil

DIMENSIONS SERIES 40TL-M

SENSOR SIZE	FLANGE SPECIFICATION	D BODY DIA	L FACE TO FACE	H HEIGHT
50 mm	DIN 2632 PN 10	165 mm	48 mm	266 mm
80 mm	DIN 2632 PN 10	200 mm	48 mm	283 mm
100 mm	DIN 2632 PN 10	220 mm	54 mm	293 mm