The Questtec Solutions Magne-Trac utilizes a non-magnetic pipe chamber mounted directly to a vessel. The process connections from the chamber to the vessel act as an inlet and outlet that allow the liquid level in the pipe chamber to match the level in the process vessel. Inside the chamber, a custom designed float rises and falls with the level of the liquid in the chamber. A 360º magnet array within the chamber projects a magnetic field through the pipe chamber to an externally mounted indicator to provide a visual readout of the liquid level within the vessel.

**MT ORIENTATION**

(ONLY 1 ACCESSORY ALLOWED PER POSITION)

- **INDICATOR**: 90º, 180º, 270º
- **AT TRANSMITTER/SWITCHES**: 90º, 180º, 270º

Note: Overall length will always be greater than measuring length (ML). Please specify if a max overall length is required.

**MLI MATERIAL**

- 4S = 304 SS
- 4C = 304 SS/CS
- 6S = 316 SS
- 6C = 316 SS/CS
- MN = Monel
- Ti = Titanium
- HC = Hastelloy C
- CP = CPVC
- CS = Customer Spec

**MLI STYLE**

- A = See Chart (Std)
- B = See Chart
- C = See Chart
- D = See Chart
- E = See Chart
- F = See Chart
- G = See Chart
- H = See Chart
- Z = Customer Spec

**FLANGE CLASS**

- 01 = 150#
- 03 = 300#
- 04 = 400#
- 06 = 600#
- 09 = 900#
- 15 = 1500#
- 25 = 2500#
- CS = Customer Spec

**VEssel CONNECTION**

- 04 = 1/2”
- 06 = ¾”
- 08 = 1” (STD.)
- 10 = 1½”
- 12 = 2”
- 16 = 2½”
- 20 = 3”
- 24 = 3½”
- 28 = 4”
- CS = Customer Spec

**SPECIFIC GRAVITY**

These parameters must be based on Maximum Operating Conditions and are the basis for Float construction.

**MAXIMUM PRESSURE**

**MAXIMUM TEMPERATURE**

**INDICATOR STYLE**

- WF = Wide Flag
- ST = Follower
- HF = High Temp Flag
- XX = None

**VENT/DRAIN**

- XX = None
- XB = 1” Top Vent & 1” Drain (NPT)
- XC = 1” Vent or Drain
- XD = 1” Top Vent & 1” Drain (NPT)
- BB = ¾” Top Vent & ¾” Drain (NPT)
- AA = ½” Top Vent & 1/8” Drain (NPT)

**CHAMBER**

- SO = Slip on Flanges
- IV = Inverted Chamber
- SL = Stub End/Lap joint Flanges
- RJ = Ring Joint Flanges
- BW = All Butt Weld Construction
- B1 = ASME B31.1
- B3 = ASME B31.3

**SCALE/INDICATOR**

- MS = Metric Scale
- PS = Percentage Scale
- NS = Negative Scale
- SH = SS Indicator Housing
- SS = Custom Scale (specify)
- FE = Non Frost Extension
- DI = Dual Indication
- IF = Interface Indication
- AR = Arrow Pointers

**TEMP CONTROL**

- CI = Cryogenic Insulation
- BW = High Temp Insulation Blanket
- EH = Electrical Heat Tracing
- FP = Freeze Protection (Electrical)
- ST = Steam Tracing
- VD = Vent & Drain Valves (Specify Type)
- IS = Isolation Valves (Specify Type)

**TESTING/MATERIAL**

- CRN = ABSA Certifications
- NM = NACE MR0175 Certifications

**TRANS MITTER/ SWITCHING OPTIONS**

- MT = Magnetostrictive Transmitter
- RX = Reed Switches

**OPTIONS**

- CS = Customer Specified