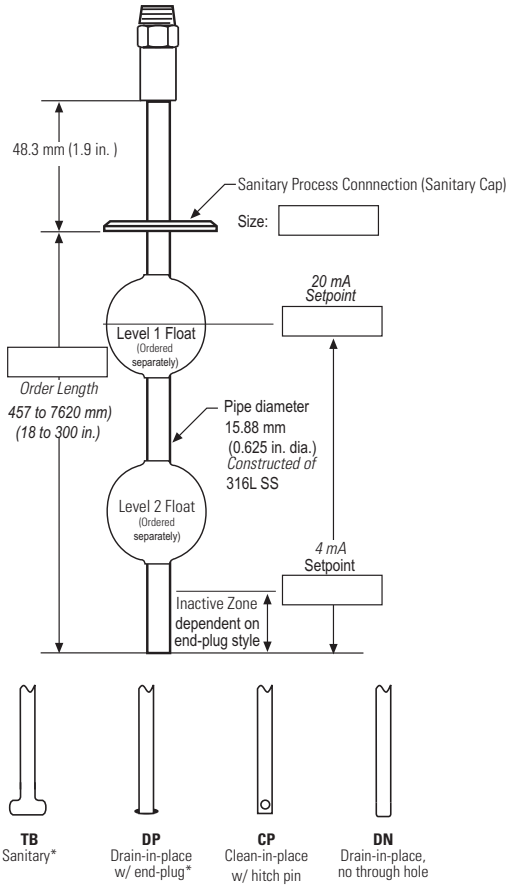
## Sanitary Sensor Pipe




** This end-plug style has permanently mounted floats—floats cannot be removed from pipe.*

*Figure 3-5*
*Sanitary Sensor Pipe*

**IMPORTANT NOTE:**
*Float MTS Part Number 401513 is recommended for use with all Sanitary transmitters as other floats may enter the inactive zone when the tank is emptied.*

**INACTIVE ZONES**

| | | |
|---|---|---|
| **TB, CP** | 3.2 in. | ( mm) |
| **DP, DN** | 2.9 in. | ( mm) |

***Notes:***
1. Inactive Zone from tip of gauge is shown below.
2. Allow overhead clearance for installation and removal of sensor.
3. All sensor pipes have a rigid sensor element. Flexible sensor elements are available -contact the factory for more information.

**TAG NUMBER(S)**

MTS Quote/Order #:

Company Name:

Customer Reference #:

Model #: Quantity:

Order Length:

Sensor Pipe Material:

Housing Type: **Check One:**

___ NEMA 4X ___ Single Cavity
___ Dual Cavity ___ Single Cavity with Display
___ Dual Cavity with Display ___ None (x)

Flange/Process Connection:

Level 1 Float Part No.:

Level 1 Float Material: Pressure:

Level 1 Specific Gravity:

Level 2 Float Part No.:

Level 2 Float Material: Pressure:

Level 2 Specific Gravity:

Signal Output: ***4-20 mA***

*Loop 1 (check one):* ___ Level 1 ___ Level 2 ___ Temperature
*Loop 2 (check one):* ___ Level 1 ___ Level 2 ___ Temperature

4 mA Location: _____ Loop 1 _____ Loop 2

20 mA Location**:** _____ Loop 1 _____ Loop 2

Alarm Setting (check one): ___ Low (3.8 mA) ___ High (21.5 mA)

Power Supply Required: ***10.5 - 36.1 Vdc***

Maximum Vessel Operating Pressure: ***(not to exceed 275 psi (19 bar) or float pressure rating)***

Maximum Vessel Operating Temp. Range: ***257°F (125°C)***

Approval Required (check one): ___ FM ___ CSA ___ 3A
___ Explosion-proof ___ IS ___ ATEX

**Check One:**

| ***Market Code*** | ***Description*** | ***Market Code*** | ***Description*** |
|---|---|---|---|
| ___ FB | Food and Beverage | ___ PR | Petroleum Production |
| ___ CH | General Chemicals | ___ RE | Petroleum Refining |
| ___ HP | High Value Petrochemicals | ___ PB | Pharmaceutical/Biotech |
| ___ LP | LPG/LNG | ___ SG | Sight Glass |
| ___ PE | Petrochemical | ___ SV | Solvents |
| ___ MA | Petroleum Marketing | ___ TR | Transportation |
| ___ PL | Petroleum Pipeline | ___ US | Ultrapure chemicals/semiconductor |

**Customer Signature:** _____ **Date:** _____

**Phone Number:** _____ **Email:** _____

**MTS Acceptance:** _____ **Date:** _____