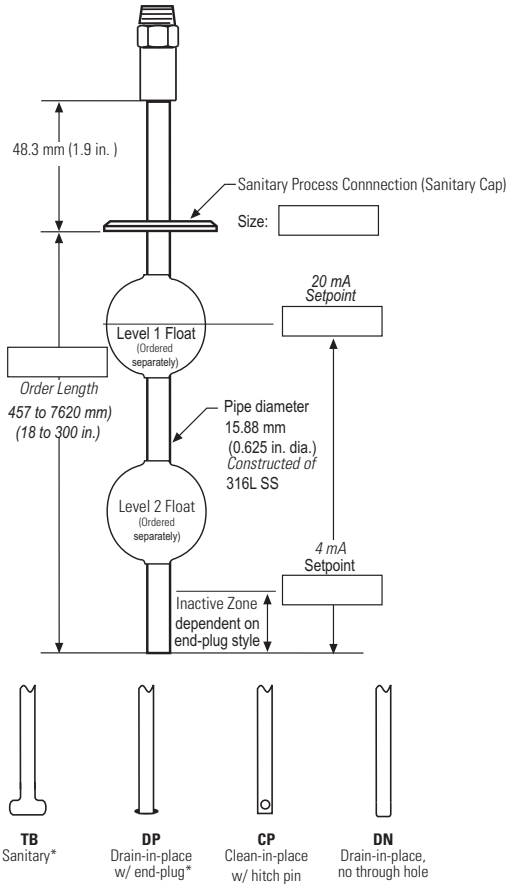
Sanitary Sensor Pipe



** 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:** _____