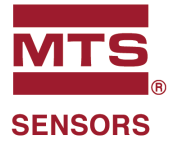
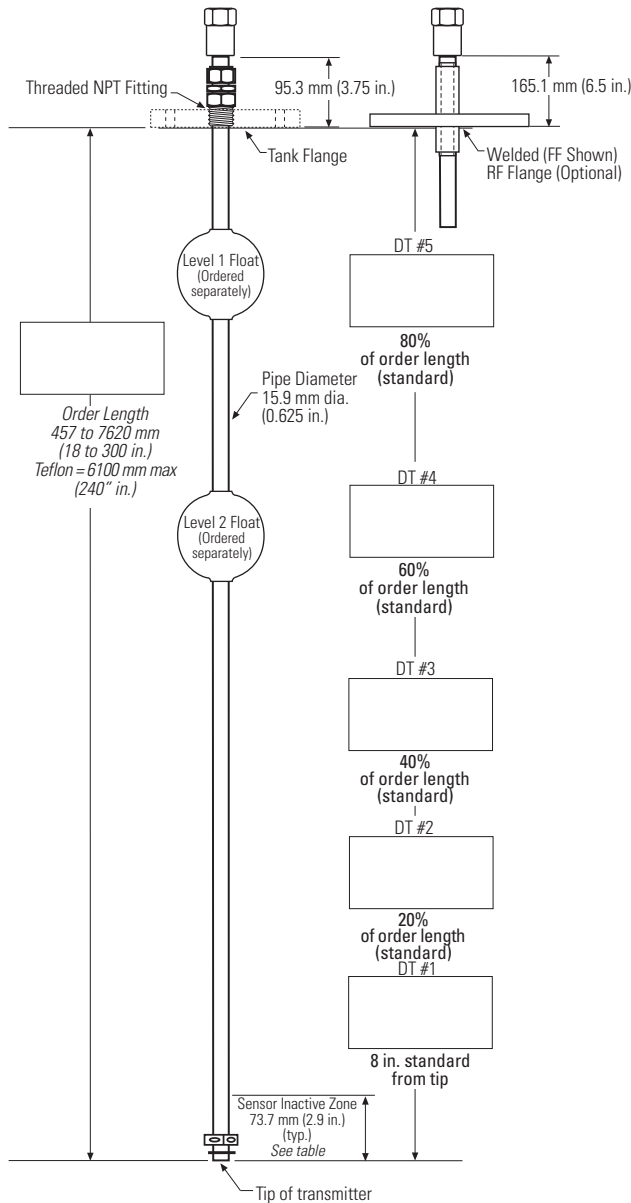


# Liquid Level Model MG Digital Application Data Sheet - Rigid Sensor Pipe

Part Number: 03-05 550907 Revision C



## Rigid sensor pipe with threaded NPT fitting



### Notes:

1. Inactive Zone from tip of gauge is shown below.
2. Allow overhead clearance for installation and removal of sensor.
3. Industrial end-plug with stop collar shown.
4. Sensor pipes less than 7620 mm (300 in.) in length have a rigid sensor element. Sensor pipes greater than 7620 mm (300 in.) in length have a flexible sensor element.

### Tag Number(s):

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### MTS Quote/Order #:

Company Name: \_\_\_\_\_

Customer Reference #: \_\_\_\_\_

Model #: \_\_\_\_\_

Quantity: \_\_\_\_\_

Order Length: \_\_\_\_\_

Sensor Pipe Material: \_\_\_\_\_

Housing Type (check One):

NEMA 4X

Single Cavity

Dual Cavity

None (x)

Flange/Process Connection:

Level 1 Float Part No.: \_\_\_\_\_

Pressure: \_\_\_\_\_

Level 1 Specific Gravity: \_\_\_\_\_

Level 2 Float Part No.: \_\_\_\_\_

Pressure: \_\_\_\_\_

Level 2 Float Material: \_\_\_\_\_

Level 2 Specific Gravity: \_\_\_\_\_

Digital Output:

DDA:  Modbus RTU  Address (Recommended)

Power Supply Required: **10.5 - 30.1 Vdc**

Maximum Vessel Operating Pressure: **(not to exceed 275 psi (19 bar) or float pressure rating) Teflon 15 psi (max)**

Maximum Vessel Operating Temp. Range: **257°F (125°C) Teflon 100°F (38°C)**

Approval Required (check one):  FM

CSA

Non-Incendive  Explosion-proof  IS

### Check One:

#### Market Description Code

FB Food and Beverage

CH General Chemicals

HP High-Value Petrochemicals

LP LPG/LNG

PE Petrochemical

MA Petroleum Marketing

PL Petroleum Pipeline

#### Market Description Code

PR Petroleum Production

RE Petroleum Refining

PB Pharmaceutical/Biotech

SG Sight Glass

SV Solvents

TR Transportation

US Ultrapure chemicals/semiconductor

Customer Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Phone Number: \_\_\_\_\_

MTS Acceptance: \_\_\_\_\_

Date: \_\_\_\_\_

Inactive Zones		
	Gauges 1219 mm (<48 in.)	Gauges 1219 mm (>48 in.)
316L SS,	73.7 mm (2.9 in.)	73.7 mm (2.9 in.)
Hastelloy C	73.7 mm (2.9 in.)	73.7 mm (2.9 in.)
Teflon	106.7 mm (4.2 in.)	132.1 mm (5.2 in.)

All specifications are subject to change. Please contact MTS for specifications that are critical to your needs. For more information, go to [www.mtssensors.com](http://www.mtssensors.com).