

 <p>Photocopy This Form Use one form for each product type you are selecting. <small>This form may also be completed online at gemssensors.com for RFQ.</small></p>	This is a <input type="checkbox"/> Request for a Quote <input type="checkbox"/> Order P.O.# _____ Quantity Needed _____ Date Required ____/____/____ Shipping Method: _____ Partial Accepted: <input type="checkbox"/> Yes <input type="checkbox"/> No	Name _____ Company _____ Street _____ City _____ State ____ Zip _____ Phone (____) _____ Fax (____) _____
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Float Type Level Transmitters – XM/XT-800 Series

Application Environmental Conditions

This information is essential to the accurate and proper operation of your GEMS configurable sensors. Please complete fully and accurately.

1. **Liquid Media:** _____
2. **Pressure:** Minimum _____ psig Maximum _____ psig
3. **Temperature:** Minimum _____ °F Maximum _____ °F
4. **Specific Gravity:** Minimum _____ Maximum _____

5. **Viscosity:** _____ SSU
6. **Tank Material:** _____
Tank Depth: _____
7. **Unit is Mounted In:** Tank Top Tank Bottom
8. **Moisture Protection Required?** Yes No

1. Series:

- XM/XT-800 (1/4" Resolution)

3. Materials:

- a. Stem:
 - Brass¹ 316 Stainless Steel
- b. Mounting:
 - Brass¹ 316 Stainless Steel
 - Carbon Steel (Type 4 flange only)
- c. Collar Float Stops²:
 - Brass 316 Stainless Steel

2. Mounting Type:

- Type 1 (1/2" NPT) Type 2 (1-1/4" NPT) Type 3 (2" NPT)
 Type 4 (3" 150# flange) Type 6 (2-1/2" sanitary flange)

4. Float Type¹:

Match to Overall Length of Transmitter Stem

To 72 Inches	Over 72 Inches
<input type="checkbox"/> 164255 – Buna N ²	<input type="checkbox"/> 69654 – Buna N
<input type="checkbox"/> 43359 – Buna N	<input type="checkbox"/> 52084 – Stainless Steel
<input type="checkbox"/> 156490 – Stainless Steel	
<input type="checkbox"/> 43590 – Stainless Steel	

Notes:

1. Stainless Steel float required for FM Approved Explosion Proof units.
2. Recommended for Type 2 mounting.

Notes:

1. Type 1, Type 2 and Type 3 only
2. Standard Float Stops supplied in PH 15-7 MO on S.S. units and Beryllium Copper on Brass units. Brass and S.S. Float Stops with Brass and S.S. units only, respectively.

5. Dimensions:

Overall Length (complete one line only):

Float Selected	Indicating Length (Half Inches)	+	"C" Dimension ±1/16" (1.8 mm)	+	Float Factor X Inch (mm)	=	Overall Length
43359		+		+	2.5 (63.5)	=	
43590		+		+	3.44 (87.3)	=	
52084		+		+	3.63 (92.1)	=	
69654		+		+	2.69 (68.3)	=	
156490		+		+	2.06 (52.3)	=	
164255		+		+	2 (50.8)	=	

Notes:

1. Indicating Length: 1/2" increments
2. Minimum C Dimension = 1/4"; or 1/2" on units greater than 72" in length.

7. Options:

- Explosion Proof J-Box* NEMA 4 J-Box
* Required for FM Approved Explosion Proof units

Please contact Gems for any configuration or special requirements not covered on this form. **800-378-1600**

Quote: \$ _____ Date Quoted: ____/____/____

6. Input/Output:

- a. Optional 24 VDC Power Supply:
 - 115 VAC input 230 VAC input
- b. Signal Conditioners (XT-800 Series Only)
 Output Shown in Parenthesis:
 - 51965 (0-5 VDC – stem)
 - 51970 (0-12 VDC – stem)
 - 52536 (0-5 VDC – J-box)
 - 52537 (0-12 VDC – J-box)
 - 52555 (4-20 mA – J-box)
 - 120650 (0-5 VDC – panel mount)
 - 149600 (0-10 VDC – panel mount)
 - 112300 (4-20 mA – panel mount)



Gems Sensors & Controls
 One Cowles Road
 Plainville, CT
 06062-1198

tel 860.747.3000
 fax 860.747.4244
www.gemssensors.com