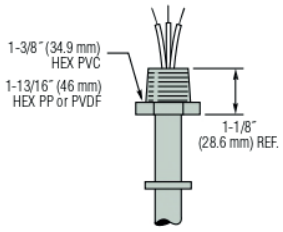
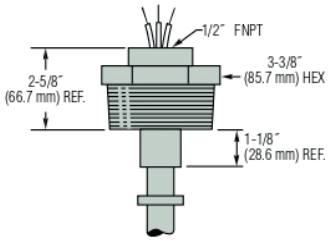
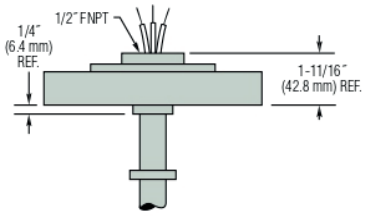
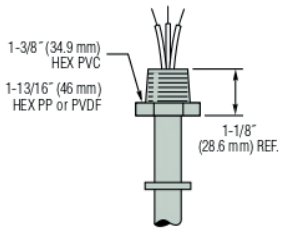
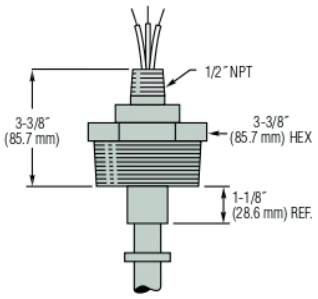
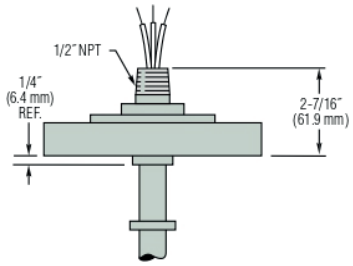
Small Size – Engineered Plastics

XMP/XTP-800 Series
Delivers Excellent Chemical Compatibility

- PVC or Polypropylene Materials
- 1/4″ Resolution
- Lengths to 70 inches (177.8 cm)

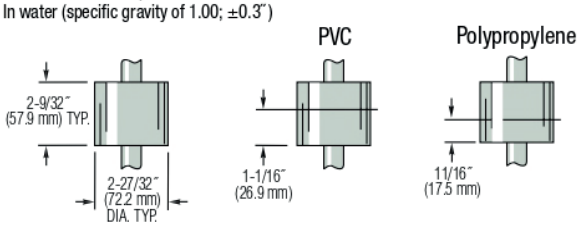
Specifically designed to monitor chemical tanks and vats, the XMP-800 Series provides superb resistance to corrosive liquids and vapors. Use XMP-800 transmitters with GEMS Digital Bargraph Display Receiver or Level Cube Receivers described in this catalog. The XTP-800 Series adds a choice of signal conditioning for use with GEMS digital bargraph display receivers or other digital instrumentation and control equipment.

ORDER IT!
Ordering is Easy! See Page C-18.
Easy online ordering too!

	Type A 1″ NPT	Type B 3″ NPT	Type C 3″ 150# Flange
XMP-800 Dimensions			
XTP-800 Dimensions			
Stem, Mounting and Float Stop Material	PVC or Polypropylene		
Operating Temperature	See Chart, Next Page		
Operating Voltage	10-30 VDC		
Overall Length, Max.	70″ (177.8 cm); please consult factory for longer lengths		

2. Float Types

Float submersion depths:
In water (specific gravity of 1.00; ±0.3″)

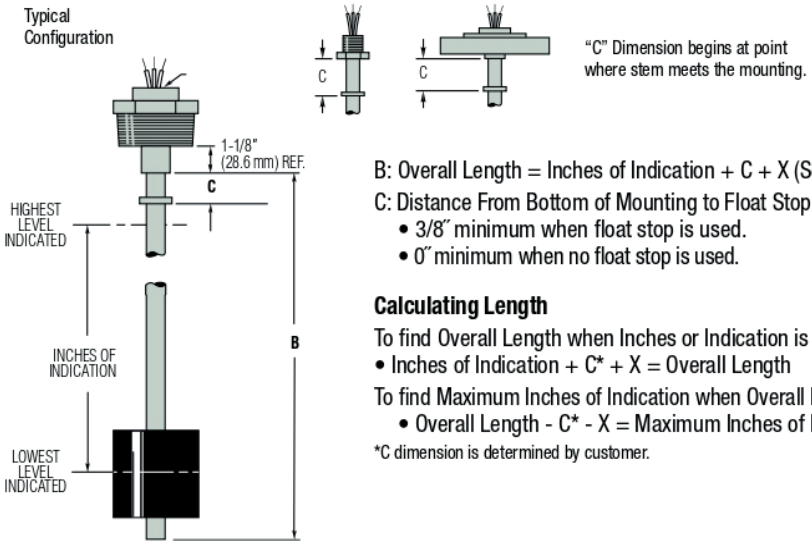


Material	Min. Liq. Specific Gravity	Part Number	Maximum Pressure vs. Temperature					
			0°F (17.8°C)	70°F (21.1°C)	100°F (37.8°C)	125°F (51.7°C)	140°F (60.0°C)	170°F (76.7°C)
PVC	.60	**61326**	50 PSI	50 PSI	35 PSI	20 PSI	10 PSI	-
Polypropylene	.40	**61327**	50 PSI	50 PSI	40 PSI	35 PSI	30 PSI	25 PSI

= Not recommended at these temperatures

3. Dimensions

Typical Configuration



"C" Dimension begins at point where stem meets the mounting.

B: Overall Length = Inches of Indication + C + X (See Table at Right)

C: Distance From Bottom of Mounting to Float Stop (Customer Specified):
- 3/8″ minimum when float stop is used.
- 0″ minimum when no float stop is used.

Calculating Length

To find Overall Length when Inches or Indication is known:
- Inches of Indication + C* + X = Overall Length

To find Maximum Inches of Indication when Overall Length is known:
- Overall Length - C* - X = Maximum Inches of Indication

*C dimension is determined by customer.

Float Factor – X

Float Part Number	X
61326	3.5″ (88.9)
61327	3.5″ (88.9)

Inch (mm)

4. Input/Output

For XM Series, no special output designation is necessary.
For XT Series, specify the desired signal conditioning by Part Number.
Additional information about GEMS signal conditioning modules is found on Page C-26.

Series	Input Voltage	Output Signal	Part Number	Electrical Termination	Compatible Mountings		
					Type A	Type B	Type C
XMP-800	10 to 30 VDC	Proportional Voltage	—	Lead Wires (3), #22 AWG, 24″ (60.9 cm), Polymeric Jacket	●	●	●
XTP-800	8 to 24 VDC	0-5 VDC*	**51965**	Lead Wires, #22 AWG, 24″ (60.9 cm), PTFE Jacket	●	●	●
	14 to 30 VDC	0-12 VDC*	**51970**		●	●	●
	8 to 24 VDC	0-5 VDC	**154687**	ABS Junction Box		●	●
	15 to 30 VDC	0-12 VDC	**154685**			●	●
	10 to 40 VDC	4-20 mA	**116970**			●	●
		4-20 mA	**112300** ϟ	Panel Mount with Plug-in Base	●	●	●

* Stem mounted.
ϟ = Stock item