

Large Size – Alloys

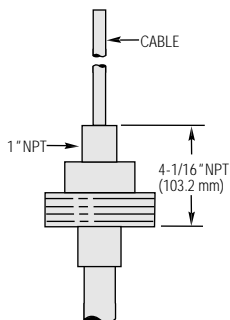
XM-66400 Series Combines High Pressure Capability and Cable Output

- ▶ Stainless Steel Construction
- ▶ 4" NPT Mounting
- ▶ Lengths to 15 feet
- ▶ Custom lengths 30 feet and more

Select an XM-66400 Series transmitter equipped with a Hycel float, and you're ready to accurately monitor vessels pressurized to 2000 PSI! A Buna N float is available for lower pressure applications. 30 feet of nitrile jacketed cable enables connection to remotely mounted instrumentation or junction boxes. Standard resolution is 1/2 inch; higher resolutions are available on request.

1. Mounting Type

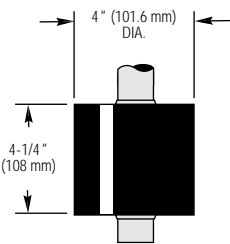
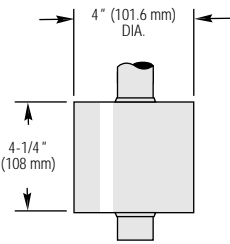
4" NPT



Stem Material	304 Stainless Steel
Mounting Material	304 Stainless Steel or Carbon Steel
Float Stop Material	304 Stainless Steel
Overall Length, Max.	180" (457.2 cm)

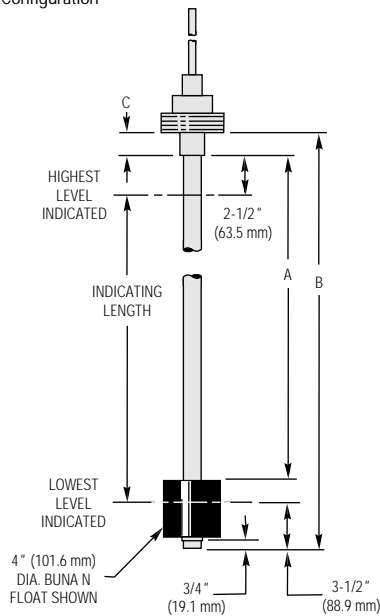


2. Float Types

Material	Buna N	Hycel
Float Dimensions		
Part Number	32230	31830
Minimum Liquid Specific Gravity	0.59	0.87
Operating Temperature	-40°F to +180°F (-40°C to +82.2°C)	-40°F to +225°F (-40°C to +107.2°C)
Operating Pressure, Max	150 PSI (10 bar)	2000 PSI (138 bar)

3. Dimensions

Typical Configuration



- A: Float Travel = Indicating Length + 1-3/4" (44.5 mm) ± 1/4" (6.4 mm)
- B: Overall Length = Indicating Length + 6-3/4" (171.5 mm) + C ± 1/8" (3.2 mm)
- C: Distance to Float Stop = 1/2" (12.7 mm) min. (specified by customer)

Notes:

- Distances for highest and lowest level indicated are based on use in liquid with specific gravity of 1.0, and are approximate values.
- Indicating length must be specified in whole inches.

4. Input/Output

Input Voltage: 10 to 30 VDC

Output Signal: Proportional Voltage

Electrical Termination: Cable, (4) Conductor, Type-FSS-2, 30' L., Nitrile Jacket
(Contact GEMS for other Lengths)

ORDERIT!
860-747-4244

Photocopy This Form
Use one form for each product type you are selecting.

Page# _____ Name _____
 Company _____
 Street _____
 City _____ State _____ Zip _____
 Phone (____) _____ Fax (____) _____
 This is a Request for a Quote Order P.O.# _____
 Quantity Needed _____ Date Required ____/____/____
 Shipping Method: _____ Partial Accepted: Yes No

Float Type Level Transmitters – Large Size (Pages H-11 to H-14)

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

1. Series (Page No.):

- XM-66400 (H-11) XM-36490 (H-13)
 XT-36490 (H-13)

2. Mounting Type:

- 4" NPT (66400)
 Flange: 150# 300# 600# (36490 Series Only)
 Flange Size: 4" 5" 6"

5. Dimensions:

3. Material (Required only for 36490 Series):

- a. Stem: 304 Stainless Steel 316 Stainless Steel
 b. Flange: 304 Stainless Steel 316 Stainless Steel
 Carbon Steel

4. Float Type:

- Buna N-P/N 32230 Buna N-P/N 172166
 4" Stainless Steel-P/N 125520 4-1/2" Stainless Steel-P/N 35560
 8" Stainless-P/N 38609 PVC-P/N 40780 (36488 Series Only)

Transmitter Series	Indicating Length (Whole Inches)	+	C Dimension	+	Constant	=	Overall Length (180" {457.2 cm}, Max.)
XM-66400		+		+	6-3/4" (171.5 mm)	=	
XM/XT-36490							
Float Part Number: 32230, 172166 or 35560		+		+	6-3/4" (171.5 mm)	=	
125520		+		+	7-3/4" (196.8 mm)	=	
38609		+		+	11-3/8" (288.9 mm)	=	

Notes:

1. Indicating Length: Whole Inch Increments
 2. C Dimension: _____ 1/2" {12.7} minimum;

6. Input/Output:

- a. Optional 24 VDC Power Supply:
 115 VAC input 230 VAC input

- b. Signal Conditioners (and XT-36490):

P/N: _____

Signal Conditioners with Alarms—	
If Part Numbers 154091-1 or 52541-1 are selected, fill in data below.	
0-12 VDC With Hi and Low Alarms	Low Alarm Setting (2% to 50% of full range): _____ Hi Alarm Setting (50% to 98% of full range): _____

Optional Receivers – Section J

- The designated receiver is planned to be used with the transmitter specified above.

Receiver Part Number:

____ - _____

Note: Spaces are not completely filled out in all cases.

Please contact GEMS Sensors Inc. for any configuration or special requirements not covered on this form. **800-321-6070**

Quote \$ _____ Date Quoted ____/____/____



Gems Sensors Inc.
 One Cowles Road
 Plainville, CT
 06062-1198
 tel 860.747.3000
 fax 860.747.4244
 www.gemssensors.com