

## Float Operated Level Transmitter



**MODEL : FOT-XTER**

### **SALIENT FEATURES**

- ☐ Simple ,low cost & reliable.
- ☐ 4 to 20 mA DC, 2 wire continuous output.
- ☐ Flame-proof, IP-65, IIA, IIB, CMRICertified transmitter head.
- ☐ Trouble free service in conductive/non-conductive liquids widely varying temperature, pressure, viscosity.
- ☐ High accuracy & repeatability.
- ☐ Robust Construction.
- ☐ Top of the tank mounting & simple installation.

### **DESCRIPTION**

“BIMCO” FOT-XTER is Magnetic Float Operated Level Transmitter. The in-built level sensor is consisting of a float & guide tube of non – magnetic material to achieve undisturbed magnetic flux. The float has magnetic system w ithin it & moves along the guide tube which contains glass encapsulated hermitically sealed reed switches. Float follows level & magnetically actuates reed switches & provides continuous 4 – 20 mA DC output which can be used to provide remote indication of level.

## **TECHNICAL SPECIFICATIONS :-**

Level Range	:	In MM / As per your required
Output	:	4-20mA DC ,2 wire –continuous type
Accuracy	:	+/- 10 MM OF F.S.
Temp. drift	:	less than 0.01% of F.S. per °C change
Power supply	:	24 V DC,External
Power Consumption	:	40 mili Watts
Head encloser	:	Wheatherproof/IP-65,Flameprrof
MOC of Guide tube	:	SS.304/PP/Teflon
MOC of Float	:	SS.304/PP/Teflon
Process Connection	:	Flanged/Threaded
Mounting	:	Top of the tank
Op. Temp	:	0 TO 50°C for PP & 0 to 150 C for SS/Teflon
Humidity	:	10 to 90% non condensing

## **DIGITAL LEVEL INDICATOR**

Input	:	4 – 20 mA DC
Range	:	a) 0 –As per sensor range
Display	:	4 ½” digit,0.5”, 7 Seg. RED LED
Accuracy	:	+/- 0.25% F.S.
Power Supply	:	230VAC,50 Hz +/-10%
Transmitter Supply	:	24 V DC, 30 mA
Size	:	96mm(w) x 96mm (H) x 120mm (D)
Mounting	:	Flush of the panel
Enclosure	:	Sheet steel
Enclosure	:	Flameproof CMRI Certified (Optional)

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### **Manufactured & Marketed By:**

#### ***M/S. Bombay Instrument Mfg. Co.***

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