

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, CMRI Certified 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 within it & moves along the guide tube which contains glass encapsulated hermetically 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

Contact : <http://www.bombayinstrument.in> / www.bombayinstrument.com

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 : 230V AC, 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)

BOMBAY INSTRUMENT MFG CO. (BIMCO)

Quality is Our Motto

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