

MAGNETIC FLOAT LEVEL TRANSMITTER

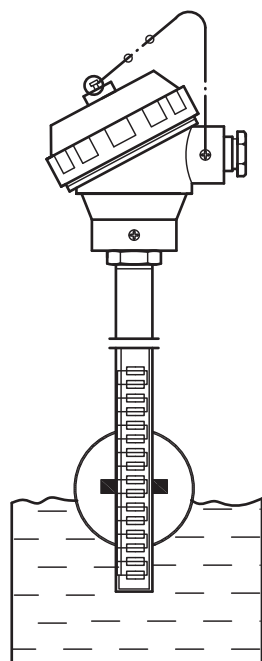
LT SERIES

The vertical float level transmitter consist of a float with a built in permanent magnet, and guide tube built in many reed switch and resistances becoming a measuring sensor. The float rise up or fall down in liquid inducing measuring sensor to make por-tional voltage which combine a V/I converter turn to a 4~20mA DC output signal. To provide a liquid level control function.

Technical Data

Resolution accuracy: $\pm 12\text{mm}$ standard; $\pm 6\text{mm}$ on request
Material: Wetted parts are available for SS304, SS316, PVC, PP, PVDF Others on request.
Output single: 4~20mA DC (500~20 k Ω) 2-wire
Power supply: 11V~30V DC
Enclosure housing: IP65, Explosion proof available
Max. range: 6000mm (SS316,SS304,PVC,PP,PVDF)
Limit operating temperature: -40~+100°C
Limit operating pressure: 0~15 kg/cm²

Dimension



THREAD	FLANGE
LTH Series	LTF Series

* Head Type and Float Size please refer to head type and float size table.

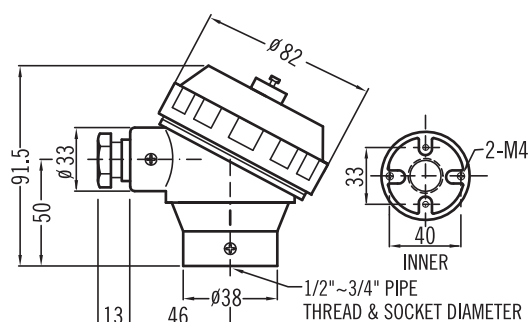
Head Type Technical Data



HN TYPE

HN Type

Protection: IP67
Material: Aluminum Alloy
Weight: 264g
Protection tube connection: 1/2", 3/4" (PF, NPT, BSP), M20X1.5
Extension wire connection: 1/2", 3/4" (PF, NPT, BSP), M20X1.5
 Other specifications are available on request.

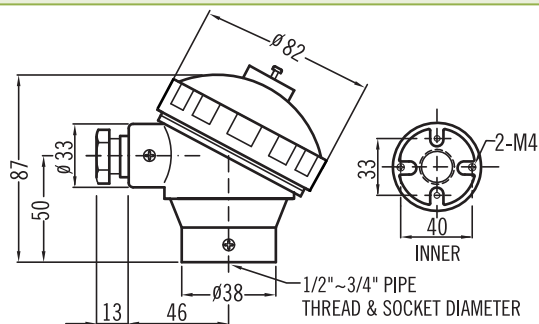




HP TYPE

HP Type

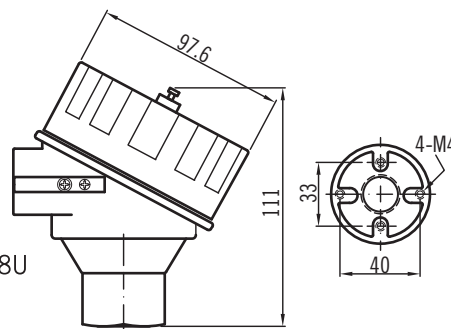
Protection: IP65
Material: Polypropylene
Weight: 112g
Protection tube connection:
 1/2" NPT, 1/2" BSP
Extension wire connection:
 3/4" NPT, M20X1.5
 Other specifications are available on request.



XDS TYPE

XDS Type

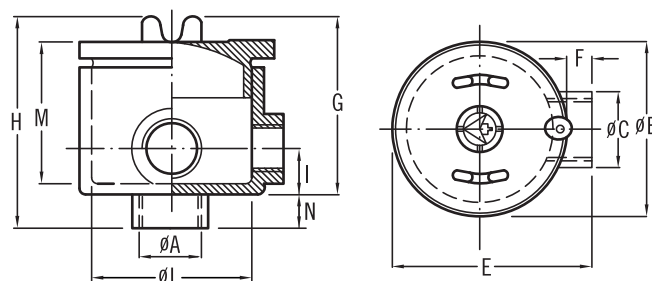
Material: 316 Stainless Steel
Weight: 127g
Protection tube connection:
 1/2" PF, 3/4" PF, 1/2" NPT, 3/4" NPT
 1/2" BSP, 3/4" BSP, G 1/2", G 3/4"
 M20x1.5, M24x1.5, M25x1.5
Extension wire connection:
 M20x1.5, M25x1.5, 1/2" NPT, 3/4" NPT
EC certificate no.: BSI 07 ATEX 1532458U
ATEX directive code: II 2 G D
Standard code: Ex d IIC T6, Ex tD A21
 T100°C IP6x Ta= -20°C to +40°C
FM Approvals: XP/II/1/ABCD/T6; DIP/II,III/1/EFG/T6; Type 4X
 Explosionproof for Class I, Division 1, Groups A,B,C and D; and dust-ignitionproof for Class II, III Division 1, Groups E,F and G, hazardous (classified) locations; indoor / outdoor (NEMA Type 4X).



S2 TYPE

S2 Type

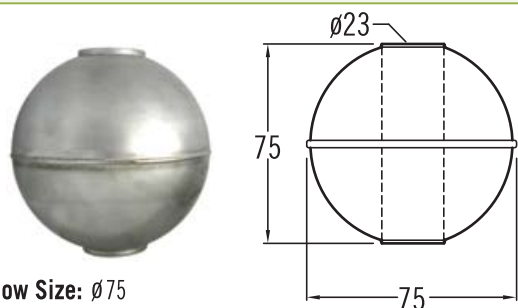
Protection: Explosion proof. EExdIIC T6 IP65
Material: Aluminum Alloy



Type	Dimensions											Terminal Block (on request)	Weight Gr.
	ØA	ØB	ØC	E	F	G	H	I	ØL	M	N		
S2	3/4"	90	38	100	10	78	92	24	76	69	14	4x4 mm ²	510

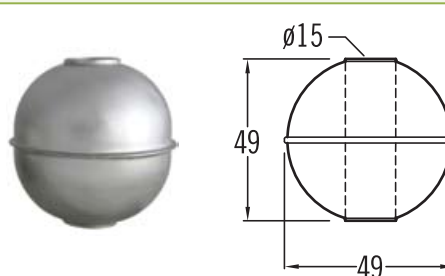
Float Specification

ø75x75mm(SUS316)



Flow Size: ø75
Max. Working Pressure: 30 kg/cm²
Working S.G.: ≥ 0.68
The Guide Tube Size: ø17.2
Material: SUS316
Limited Operating Temperature: -20 ~ 140°C

ø49x49mm(SUS316)



Flow Size: ø49
Max. Working Pressure: 30 kg/cm²
Working S.G.: ≥ 0.68
The Guide Tube Size: ø12
Material: SUS316
Limited Operating Temperature: -20 ~ 140°C

