

LINEAR V-F ATEX I

APPROVED IN ACCORDANCE WITH THE EUROPEAN STANDARD 94/9/CE - ATEX

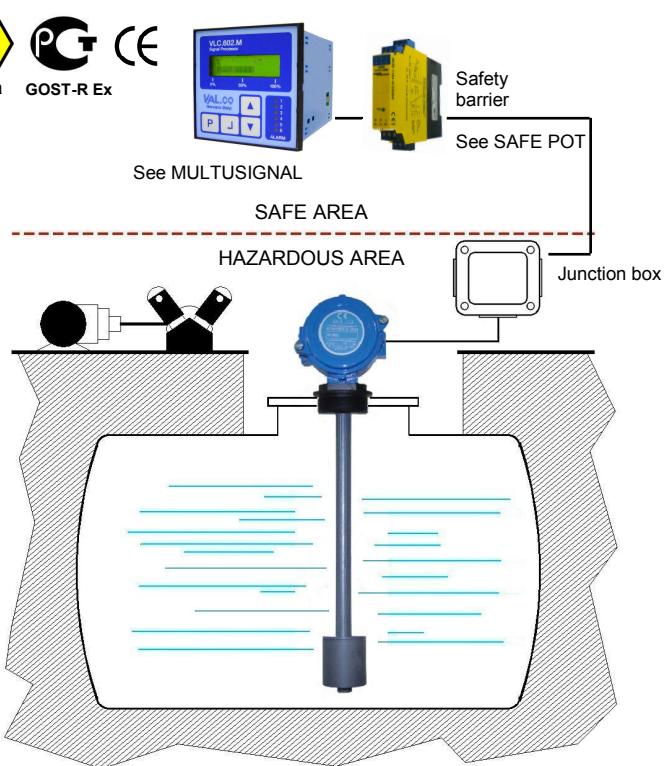
These instruments, intrinsically safe certified:

CESI 03 ATEX 265 Ext.2 II 1G Exia IIC T4/T5/T6 Ga,
CESI 03 ATEX 265 Ext.2 II 1/2G Exia IIC T4/T5/T6 Ga/Gb,
 are used to control the level of liquids or fuels inside tanks, both underground and outdoors, installed in hazardous areas where flammable products are treated.

The principle of operation is potentiometric type, based on the gradual shutdown of a chain of resistors and reed contacts, placed inside of the measuring rod by a magnetic float.

GENERAL CHARACTERISTICS

- PVC – PP – PVDF
- Measuring resolution 5 mm.
- Potentiometric signal output (LC).
- 4-20mA analog output (LCT).
- 0-10V analog output via safety barrier SAFE POT.
- Up to 5 m length.
- Maximum working pressure 6 Bar.
- Working ambient temperature.
 $-40/+40^\circ\text{C} = \text{T6}$, $-40/+55^\circ\text{C} = \text{T5}$, $-40/+80^\circ\text{C} = \text{T4}$
- Standard working temperature up to 130°C .
- Minimum degree of protection IP65



FLOATS

Tab.1

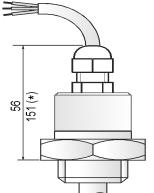
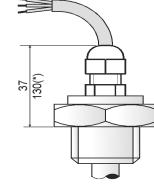
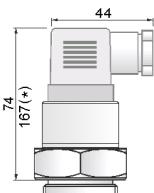
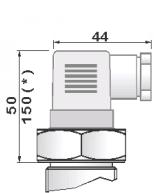
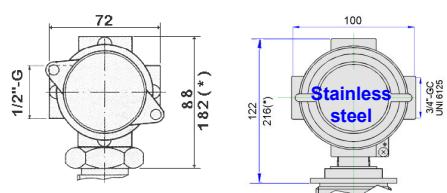


F49 $\varnothing 49 \times 53$	P49 $\varnothing 49 \times 53$	V49 $\varnothing 49 \times 53$
Material	PVDF	PP - Polypropylene
Specific gravity	0,8	0,45
Measuring resolution - mm	5	5
Max. pressure - Bar	6	3
Max. temperature - Class	L = 100°C (T5) - N = 130°C (T4)	D = 90°C (T6)
On request	N = 130°C (T5) (T6)	B = 60°C (T6)

ELECTRICAL OUTPUT

Tab.2

I1 IP65 Housing (2G)	I3 IP66 Housing (1G)	IS1 DIN 43650 IP65 (1G)	IS1 DIN 43650 IP65 (1G)	IP1 - IP2 Cable gland (1G)	IP1 - IP2 Cable gland (1G)
LC = 3 terminals LCT = 2 terminals	LC = 3 terminals LCT = 2 terminals	DIN 43650 29x29	DIN 43650 29x29	IP1 Brass IP68 IP2 Polyamide IP67	IP1 Brass IP68 IP2 Polyamide IP67



LC - LCT

LC - LCT

LC

LCT

LC

LCT

With heatsink – see dimension (*)

LCT = Temperature class **N** (T5) (T6)

We reserve the right to change the data without notice

BE#186/1-01/2014



