

APPROVED IN ACCORDANCE WITH THE EUROPEAN STANDARD 2014/34/EU - ATEX



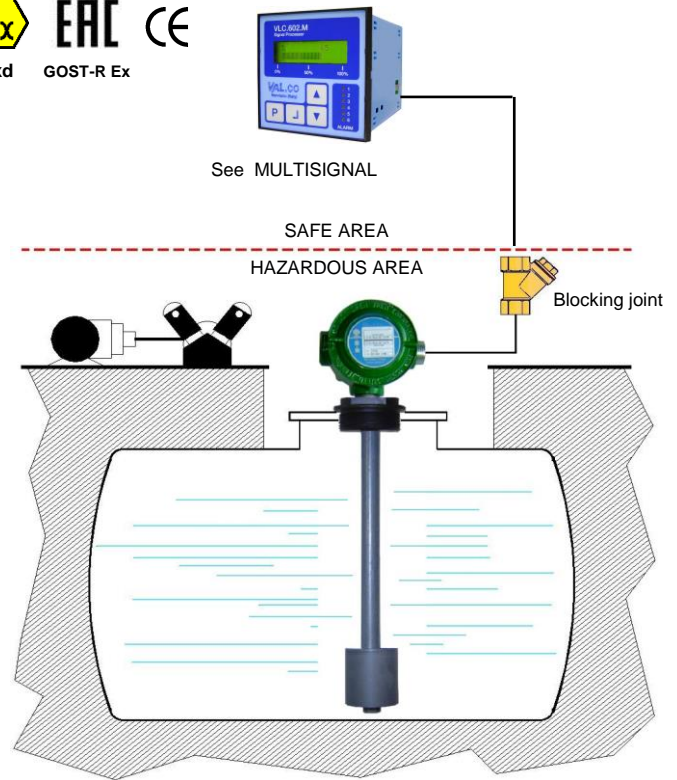
These instruments, explosion-proof certified:

CESI 03 ATEX 272 Ext.2 II 1/2G Exdb IIB 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**).
- Up to 5 m length.
- Maximum working pressure 6 Bar.
- Working ambient temperature.
 - 40/+40°C = T6, -40/+60 °C = T5
- Standard working temperature up to 130°C.
- Minimum degree of protection IP67
- Built-in temperature sensors, on request.
 - PT – PTC – NTC



FLOATS

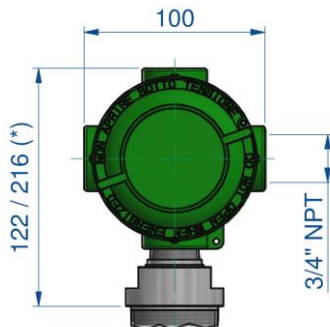
Tab.1



	F49 Ø49x53	P49 Ø49x53	V49 Ø49x53
Material	PVDF	PP - Polypropylene	PVC
Specific gravity	0,8	0,45	0,7
Measuring resolution - mm	5	5	5
Max. pressure – Bar	6	3	6
Max. temperature – Class	L = 100°C	D = 90°C	B = 60°C
On request	N = 130°C	-	-

ELECTRICAL OUTPUT

Tab.2



E1	IP66/67 Housing – Aluminum - Epoxy painted
E3	IP66/67 Housing – AISI 316 St. steel

With heatsink - see dimension (*)
LC – LCT = Temperature class N

