

## TLIC4XF CAPACITIVE ROPE LEVEL TRANSMITTER

Continuous level transmitter for liquids with high or low conductivity and solids inside metallic and insulating tanks, bulk, silos etc.

Based on the capacitive principle: the device monitors the effect of capacitance based on frequency change. The relationship between capacitance and frequency is inverse. Because small level changes result in a large frequency change, the result is excellent resolution and accuracy.

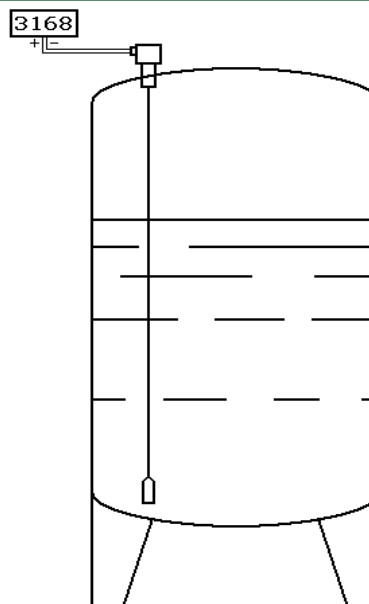


Easy installation: it is possible to cut off the rope to the length needed.

Vertical mounting without vibrations and outer forces.

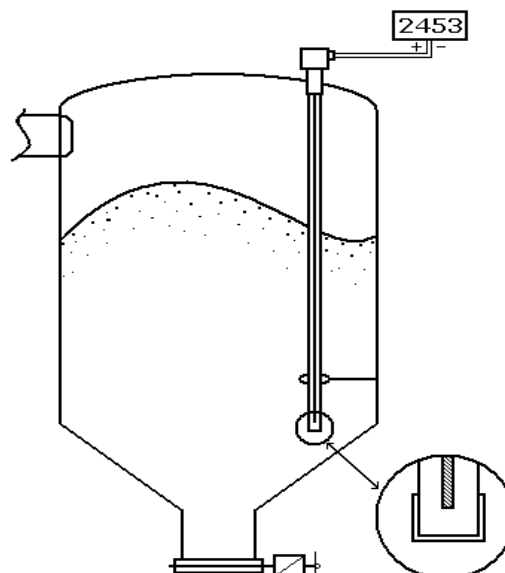
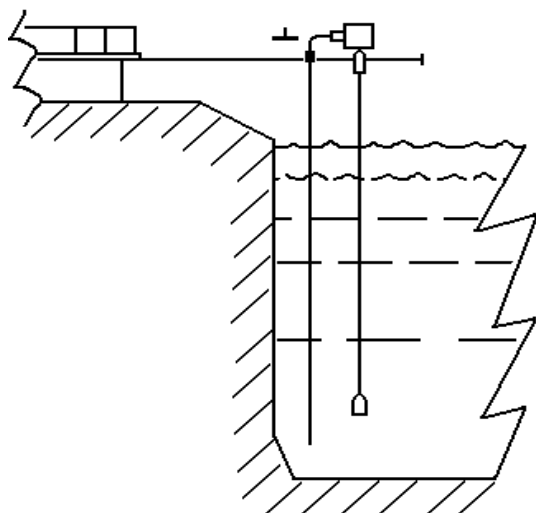
Fluids: water, oil, diesel fuel (max 55°C), liquids, powders, concrete, grain etc.

Warning: avoid hazardous areas or flammable liquids. Not use with wide variable dielectric capacity: this is the cause of unstable measures.



## TECHNICAL DATA

Range:	2... 20 m
Precision:	+/- 0.5% f.s. after calibration
Power supply:	13...30 Vcc - 0,25 VA (max 500 ohm a 20 Vcc)
Output:	4...20 mA 2 wire- plug ISO A DIN 43650A with PG11 - IP65
Body:	stainless steel - POM
Rope:	diam. 8 mm AISI 316 - covering PVC or PTFE
Pressure:	25 bar max
Temperature:	+60°C max con PVC / +120°C con PTFE
Weight:	800 gr.(for L=3000 mm)



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