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M227 - Capacitive Level Indicator



Level indicator for liquid tanks with capacitive measurement recording (insensitive to dirt and deposits in the water). It can also be used to check liquid levels of liquids that chemically attack metal sensors. Only for liquids such as clean or dirty water, liquid manure or similar, not for oils or flammable liquids. The measurement recording is carried out by 2 insulated cables running in parallel, which are immersed in the liquid and indicate the liquid level by changing the capacitance. Tanks with max. filling heights of 0.5 - 2 m can be measured (cables are not included).

Technical Data:
Operating voltage: 9 V block battery
Display duration: As long as the test button is pressed
Current consumption: Only as long as the test button is pressed: approx. 10 - 20 mA (depending on how many LEDs light up)
Measuring principle: capacitive (the capacitance between the two measuring cables changes when the liquid level varies)
Display: 10 LEDs in steps of 10: 10 - 100%
Accuracy: approx. 10%
Measurable filling height: approx. 0.5 - 2 m
Max. cable length between the sensor module and the display unit: 100 m
Dimensions Display: approx. 131 x 78 x 36 mm
Dimensions Sensor Module: approx. 83 x 51 x 32 mm (without fastening straps)