

CAPACITIVE LEVEL METERS DLM-35



For continuous level measurement of liquid and bulk-solid materials.

- Direct mounting into containers, vessels, basins, reservoirs, etc.
- Possibility of linear measurements even in non-conductive and differently shaped containers
- Simple sensitivity setting by means of magnetic pen
- LED state and function indication
- Wide choice of electric connection via connectors, cable glands, or protective conductor
- Material of housing and rod electrodes from stainless steel

Technical specification

Supply voltage	- current output (var. „I“)	9 ... 34 V DC
	- voltage output (var. „U“)	12 ... 34 V DC
Output type (var. „I“)		4 ... 20 mA (2-wire)
Output type (var. „U“)		0 ... 10 V (3-wire)
Accuracy (from full measured range)		1%
Ambient temperature range		-40 ... +85°C
Temperature range on electrode		-40 ... +200°C
Process connection		Thread M27x2 ; M30x1,5 ; G ¾“;
		NPT¾“; TriClamp
Protection class		IP67



DLM-35-20

With uncoated rod electrode for level measurement of non-conductive liquids (oils, diesel, benzene) and bulk-solid materials (flour, sand, cement, plastic granulates, etc.). Maximum electrode length up to 1 m.

DLM-35-21

Isolated rod electrode (FEP Teflon®), for level measurement of water and other electrically conductive liquids. Can also be used for waste liquids in metal tanks, concrete reservoirs, etc. Maximum electrode length up to 1 m.

DLM-35-22

Isolated rod electrode (PFA Teflon®), for level measurement of water and other electrically conductive liquids in the food, pharmaceutical and chemical industries. Isolation of electrode with higher resistance to penetration (diffusion) of gases or vapors. Suitable for high temperature applications (hot steam), volatile corrosive liquids, etc. Maximum electrode length up to 1 m.

DLM-35-23

same as DLM-35-20, but higher press resistance

DLM-35-24

same as DLM-35-21, but higher press resistance

DLM-35-25

same as DLM-35-22, but higher press resistance