

Industrial liquid measure system

Datex Liquimat



- universal using
- high level measurement of chemical products, water, waste water and much more
- very high temperatures
- 2 x analogue and 2 x digital output
- Temperature-sensor is included
- very easy installation
- for plastic and metal tank
- working pressure to 4.5bar
- with or without display possible
- insensitive to turbulence, temperature oscillations, steam and exhaust gases, contamination, solid particles in the material being measured.

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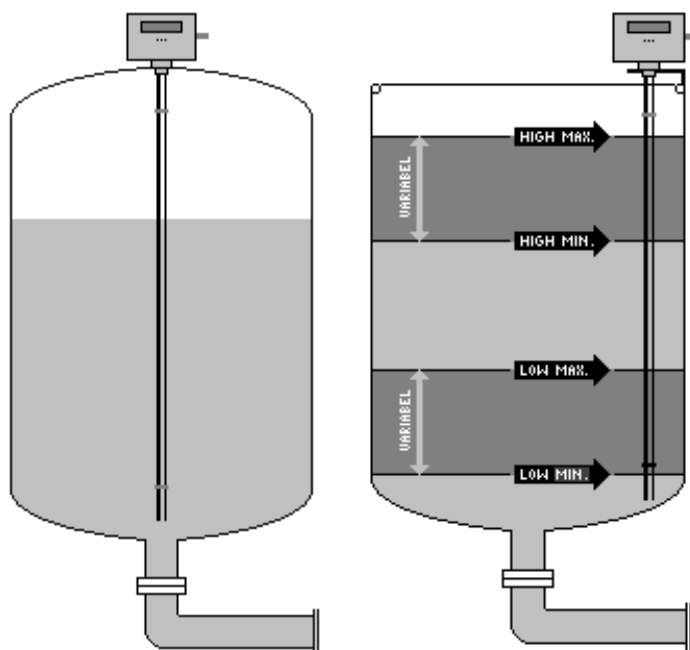


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Using examples

The liquid measuring system Datex Liquimat offers following benefits:

- ⊙ convenient sensor
- ⊙ included utilize electronic
- ⊙ compact builded
- ⊙ position and level notice by 3 LED
- ⊙ shows the high full level in mm or % and the actual temperature in °C on a 7-segment display
- ⊙ free select out of the level min. and max.
- ⊙ there are no movable parts and there is no mechanic who will block
- ⊙ unreactive against:
 - high temperature (140°C)
 - pressure (4,5 bar)
 - chemicals
- ⊙ 2 analog outputs (0-20mA) for level and temperature
- ⊙ also usable in metal or plastic container
- ⊙ unreactive to turbulence, temperature, oscillations, steam and exhaust gases.
- ⊙ small use of energy (approx. 100mA by 24V DC)



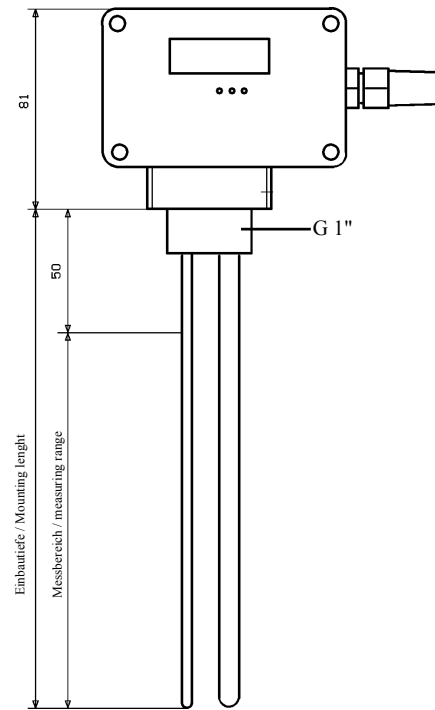
Applications:

Usuable very universel for chemical-textile- und foodindustry.

Technical data

Measure	Measurement converter case 96x62x34 mm (w x h x d) Injection moulding IP65
Display	Seven segment display (red) -Shows the actual high full level. -3 LED's for ready, level minimum and maximum
Power supply	24V DC approx. 60mA
Digital Outputs	2 x +24V Level min. / Level max.
Interface	1 x RS-485
Analoge Outputs	2 x 0...20mA / 4...20mA - 1 Level, - 1 Temperature
Adjustable	using a impulse-switch > level min. and max. / and full level height
Max. temperature	140°C
Working pressure	Until 4.5 bar
Protection sort	IP65
Fitting position	vertical
Process connection	1" threading (PVDF)
Probe material	E-CTFE (HALAR®)coated

Dimension



electric connection

