

Visual Level gauges with variable position sensors

The visual level gauges RIL660 VisuLevel allow the liquid level to be checked in a clear and precise way at any time.

Principle used:

The principle used is that of communicating vessels: the liquid goes through the level gauge by means of hollow screws, showing the user the exact point inside the tank.

Through a full range of components our level gauges can meet the most particular needs, at a limited cost.

The level gauges can be equipped with tap that stop the flow of liquid from the tank to the gauge.

The C/C distances of 127÷4000 mm supplied meet the needs of all customers. In this way they can be interchangeable with the level gauges available on the market and, above all, "custom made" according to needs. The "U" protection screen is normally fitted in order to obtain visibility on the front part of the level gauge, but if necessary it can be turned 90° to obtain visibility on the right or left.

The float sliding in the tube excites one or more bistable Reeds (or in memory) that close the contact in sequence.

The contact opens again only when the float carries out the reverse path. Each sensor can be placed as required along the axis of the level gauge.

The sensors can be NO (normally open) in presence of liquid (closed in absence of liquid), NC (normally closed) in presence of liquid (open in absence of liquid), or EXCHANGE.

Maximum operating pressure, with Pyrex glass tube, 35 bar.

Operation:

The float sliding in the tube, excites 1 or more bistable reeds (or in memory) which close the contact in sequence.

The contact will re-open only when the float will complete the route reverse.

Each sensor can be placed at will along the level axis.

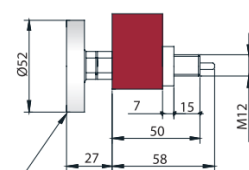
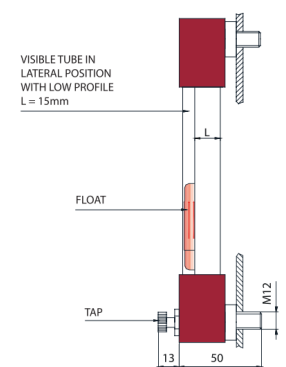
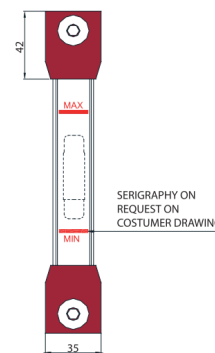
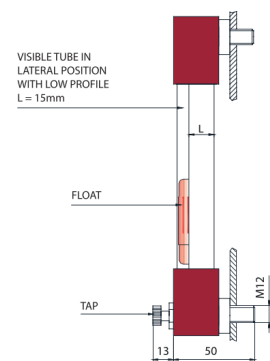
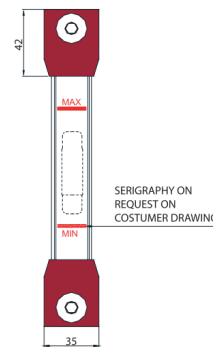
The sensors can be N.A. (normally open) in the presence of liquid (closed in the absence of liquid), N.CH. (normally closed) in presence of liquid (open in the absence of liquid), or EXCHANGE (without memory).

Technical advantages:

- Constant and continuous indication of the liquid level up to 4000 mm
- Activation, by means of sensors, of additional controls

Options:

- Up to 4 electrical alarm contacts
- Simple electric contacts or in exchange
- With adjustment tap
- With bimetal thermometer
- With PT 100 or PT 1000 temperature sensor
- Material of methacrylate, polycarbonate or pyrex glass



BIMETAL THERMOMETER "TS" WITH DOUBLE SCALE °C (0-120) AND °F (30-250)

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RIL660		
ELECTRICAL CHARACTERISTICS	SPST CONTACT	SPDT CONTACT
POWE COMMUTABLE IN C.C.	40W	20W
POWER COMMUTABLE IN C.A.	40 VA	20VA
CURRENT STRENGHT IN C.C. - C.A.	2 A	1 A
COMMUTABLE VOLTAGE	230 VDC/VAC	150 VDC/VAC