

XL - VERTICAL LEVEL GAUGES WITH METAL CASING

XLT - VERTICAL LEVEL GAUGES WITH METAL CASING WITH THERMOMETER

XLT/PLAST - VERTICAL LEVEL GAUGES WITH PLASTIC CASING



TEMPERATURE SENSOR

External protection made from painted steel

External protection made from PA66 30% fiberglass

-Thermoplastic level gauges made from transparent polyamide which provides good mechanical resistance and is impervious to mineral oil, gasoline, lubricants, petroleum, solvents and most chemical agents. (please refer to technical table N.1 page 84).

-Avoid contact with alcohol based solutions and antifreeze liquids at high temperatures and hot water over 80°C.

-**Max working temperature 90°C** (test made up to 1 bar = 15 psi).

-External protection is provided by a pressed steel casing with black painted finish; also available in **version VL** with side openings to allow visibility from both sides.

-These level gauges are used in oil and fuel tanks of many types, due to their ability to remain clear in the majority of the conditions; the transparent body of the level gauge retains its transparency under most climatic conditions.

-The body of the level gauge is made by ultrasonically welding two halves together to ensure a leak free seal around the body. Inside is fitted a white screen with minimum

and maximum level indication. External seal is guaranteed by o-rings and flat rubber washers on each fixing bolt.

-The mounting of the level gauge can be made externally by providing 2 threaded holes M10 or M12 on 76 mm or 127 mm centre distance, tolerance ± 0.2 mm. Alternatively they can be secured internally through 2 plain holes $\varnothing 10.5$ mm (-0,2) or $\varnothing 12.5$ mm (-0,2), using the flanged nuts provided.

Maximum tightening torque suggested 5 Nm.

-Model XLT is equipped with an internal thermometer scaled in degrees Celsius 0-100°C and Fahrenheit 50-200°F (0-80°C / 50-175F model XL/03T).

-In case of use at different pressures and/or temperatures, or with particular fluids or oils, please contact the MISELLI SRL technical service.

-Possibility of mounting a max temperature sensor set at 60°C/140 F - 70°C/158 F - N.C. or N.O. - (see photo) that opens or closes the electrical circuit, when the set temperature threshold is reached.