

## XL - VERTICAL LEVEL GAUGES WITH METAL CASING

## XLT - VERTICAL LEVEL GAUGES WITH METAL CASING WITH THERMOMETER

## XLT/PLAST - VERTICAL LEVEL GAUGES WITH PLASTIC CASING



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 58)

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

**Max working temperature 100°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  
Up to date 03/09/2013

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.

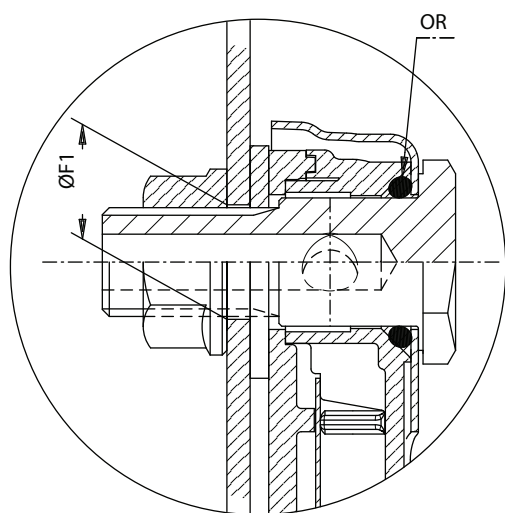
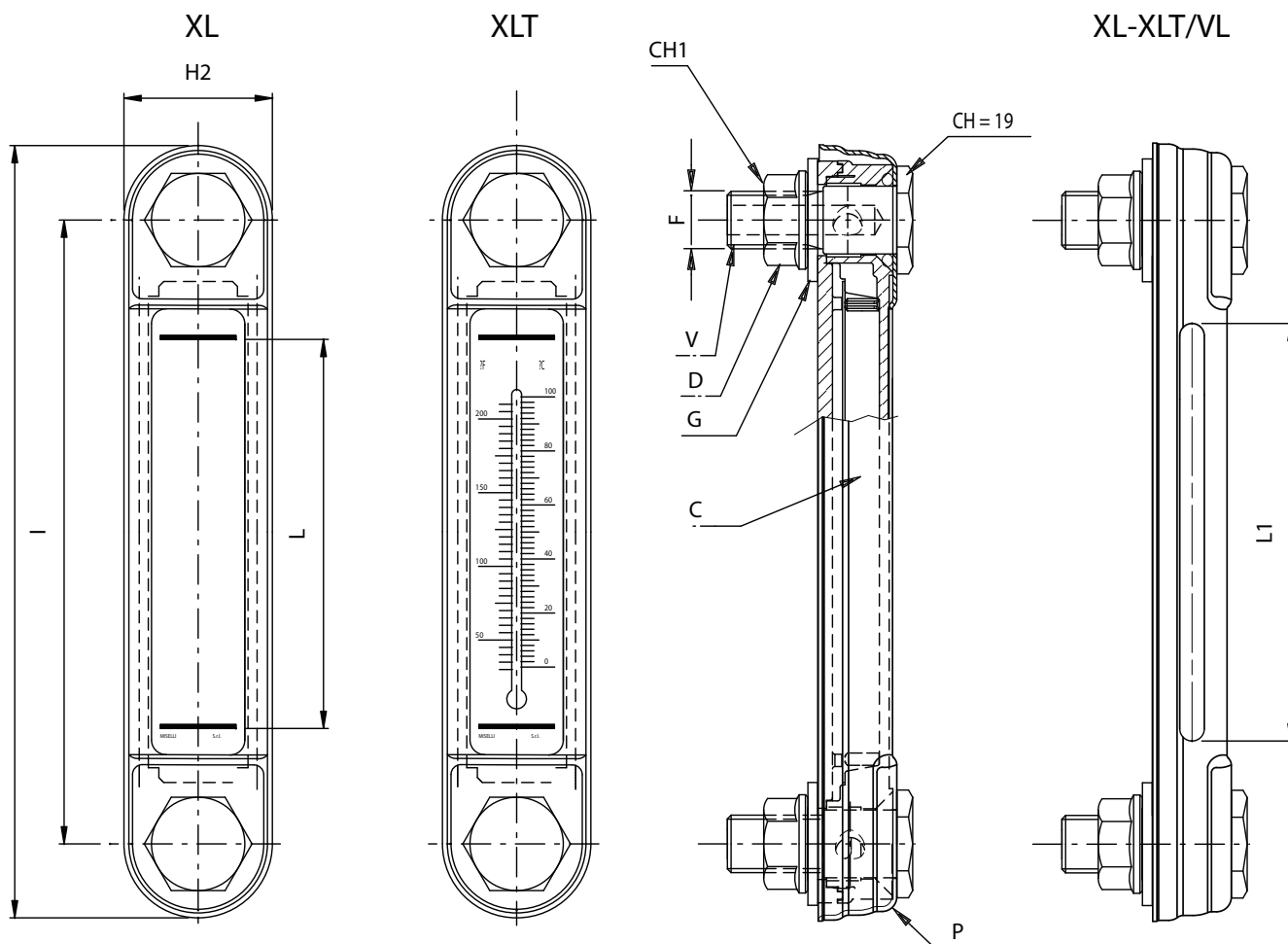
The mounting of the level gauge can be made externally by providing 2 threaded holes M10 or M12 on 76 mm or 127 mm centre distance, tolerance +/- 0.3mm. Alternatively they can be secured internally through 2 plain holes 10.2 mm or 12.2 mm, tolerance 0 + 0.2 mm using the flanged nuts provided.  
**Maximum 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 / 50-175°F model XL/O3T).

**Pressure resistance :** based on internal technical seal test made using hydraulic fluid at different temperatures degree has been verified the following data:

20°C- 68°F = up to 145 PSI

60°C-140°F = up to 116 PSI



P= Metal shell  
 V= Hollow bolt  
 D= Flanged hex nut  
 G= Flat NBR seal  
 C= Transparent body

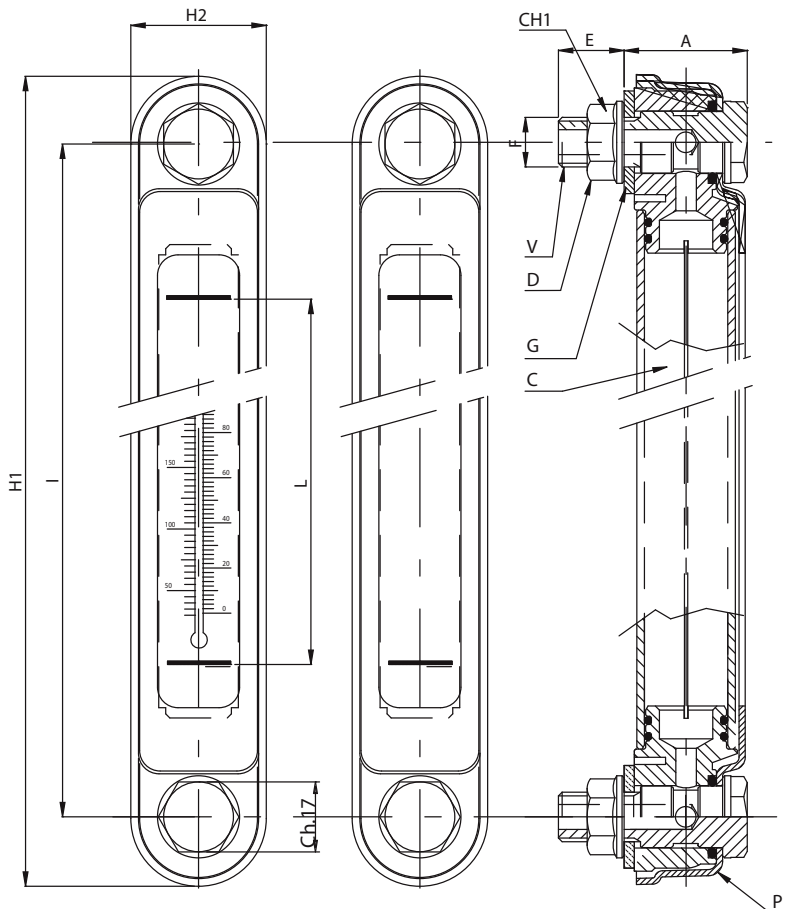
**Special Executions**

- XL-T/CX** made from special resin resistant to fluid containing alcohol and antifreeze liquids
- XL-T/RB** "with floating" red ball to improve visibility of the fluid level of light colored liquid
- XL-T/PLAST:** external casing made from polyamide 66 30% fiberglass.

Code	I	H1	H2	F	E	A	L	CH1	ØF1	L1	weight gr
XL/03/M10	76	107	31	M10	17,5	24,5	39	15	10,2	34	135
XL/03/M12	76	107	31	M12	17,5	24,5	39	18	12,2	34	135
XL/03T/M10	76	107	31	M10	17,5	24,5	39	15	10,2	34	135
XL/03T/M12	76	107	31	M12	17,5	24,5	39	18	12,2	34	135
XL/05/M10	127	156	31	M10	17,5	24,5	80	15	10,2	85	187
XL/05/M12	127	156	31	M12	17,5	24,5	80	18	12,2	85	187
XL/05T/M10	127	156	31	M10	17,5	24,5	80	15	10,2	85	187
XL/05T/M12	127	156	31	M12	17,5	24,5	80	18	12,2	85	187

# XL/10 - VERTICAL LEVEL GAUGES 10" WITH METAL CASING

# XL/10T - VERTICAL LEVEL GAUGES 10" WITH METAL CASING AND THERMOMETER



P= Metal shell  
V= Hollow bolt  
D= Flanged hex nut

G= Flat NBR seal  
C=Transparent body

Vertical level gauges center-to-center distance 10" ( 254 mm); external protection is provided by a pressed steel casing with black painted finish.

Transparent internal pipe made from **Polycarbonate (PC)**; avoid contact with Gasoline, some alcohols and some solvents (refers to technical table N.2 , page 59)

**Max working temperature : 100°C**

The mounting of the level gauge can be made externally by providing 2 threaded holes M12 on 254 mm centre distance, tolerance +/- 0.3mm. Alternatively they can be secured internally through 2 plain holes 12.2 mm, tolerance 0 + 0.2 mm using the flanged nuts provided. **Maximum tightening torque suggested 5-7 Nm.**

**Model XLT** is equipped with an internal thermometer scaled in degrees Celsius 0-100°C and Fahrenheit 50-200°F

Code	I	H1	H2	F	E	A	L	CH1	weight gr
XL/10/M12	254	286	34	M12	17	33	178	18	400
XL/10T/M12	254	286	34	M12	17	33	178	18	400