

## XL/127-PLAST-ST - VERTICAL LEVEL GAUGES 5" WITH MAX TEMPERATURE ELECTRICAL SIGNAL



-Thermoplastic level gauges made from **transparent polyamide** with good mechanical resistance are compatible with mineral oil, gasoline, lubricant, petroleum, solvents and most chemical agents; avoid contact with alcohol based solutions and antifreeze at high temperature. For these types of applications use the **special model/CX** which is made from special resin resistant to fluids containing alcohol and antifreeze.

-Plastic external protection made from **PA66 30% fiberglass**.

-The internal body of the level gauges consists of two transparent parts assembled and then sealed by ultrasonic welding process, in order to ensure a leak free seal around the body. Inside the transparent body is a white aluminium screen to improve the view of the level.

-**Zinc plated** M12 bolts and flanged nuts are standard (optional AISI 303 stainless steel bolts and nuts are available, **Buna seals 70 durometer**; maximum recommended tightening torque = **5Nm (3.7 ft lbs)**).

-The mounting can be made externally by providing 2 threaded holes M12 on 127 mm, (tolerance  $\pm 0,2$  mm); alternatively they can be secured internally through 2 plain

holes  $\varnothing 12,5$  mm (-0,2) using the flanged nuts.

-Max working temperature **80° C (176 F)**. Max working pressure **1 bar (14.7 PSI)**, (if using on pressurized tanks contact our technical office).

-Max temperature electrical sensor (calibrated at **60°C-70°C/140-158 F**) incorporated into the zinc plated M12 bolt (IP65 protection degree) with DIN swivel connector.

-**Standard executions: XL/127-PLAST-ST-NO** (electrical contact normally open) - **XL/127-PLAST-ST-NC** (electrical contact normally closed).

-**Operation features:** The vertical level indicator XL/127-PLAST-ST in addition to allowing for a visual inspection provides an electrical signal when the required temperature of the fluid inside the tank is reached (in conditions of use at room temperature of around 20°C/68 F); on the model XL/127-PLAST-ST-NO the electrical circuit is closed once it reaches the specified temperature, on the model XL/127-PLAST-ST-NC the electrical circuit opens when is reached the specified temperature.