

XL/127-PLAST-SL-ST - VERTICAL LEVEL GAUGES 5" – WITH MIN LEVEL SIGNAL AND MAX TEMPERATURE 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 our **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 graduated sticker made from "Vinile Cast" 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)

-**REED Switch Sensor** is attached to the internal transparent tube, adjustable in height according to the control

requirements of the level; the sensor is supplied with power cable (length 30 cm/0.98 ft) and M8 male connector; On request it is possible to provide a separate connection cable (length 250 cm/8.2 ft) complete with female M8 connector.

-**Floating element** made of technopolymer containing a magnetic element that closes the electric contact when it reaches the level switch sensor "REED".

-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: XL127-PLAST-SL-ST-NO** (electrical contact normally open on the temperature sensor) **XL127-PLAST-SL-ST-NC** (electrical contact normally closed on the temperature sensor).

-**Operation features:** The vertical level indicator XL127-PLAST-SL-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 about 20°C/68 F), and provides as well an electrical signal when the float element reaches the preset minimum level.

-**XL127-PLAST-SL-ST-NO:** the level sensor closes the electric circuit when the preset minimum level is reached; the maximum temperature sensor closes the electric circuit at the preset threshold temperature.

-**XL127-PLAST-SL-ST-NC:** the level sensor closes the electric circuit when it reaches the preset minimum level; the maximum temperature sensor opens the circuit at the preset threshold temperature.