

## XL/127-PLAST-SL - VERTICAL LEVEL GAUGES 5" WITH MIN LEVEL 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 consist 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 of (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".

-**Standard executions:** with electrical contact **normally open**.

-**Operation features:** the vertical level gauge XL127-PLAST-SL in addition to allowing for a visual inspection provides an electrical signal when the float element reaches the preset minimum level, following the closure of the electrical circuit.