



ELECTROMAGNETIC LEVEL GAUGES LG1 SERIES



LG1



LG1R

“LG1” vertical operation level gauges series are suitable to signal the minimum or maximum level of a fluid in the tank. The fixing flange foresees three fixing typologies in only one execution as well as to have standard the electric exchange contacts.

“LG1R” series is the execution with the possibility of regulating the height of the float, while the “LG1T” series includes also the electric contact for the control of the temperature

Technical Features:

Flange of fastening : in fibred nylon

Rod: in Brass OT62

Float: in nylon

Assembly : in vertical position by 3 different types of hydraulic connection in only one execution :

- two holes flange (180°)
- three holes flange (120°)
- 1" BSP Male thread connection

Installation: must be foreseen at least at 50mm from ferrous walls and far from magnetic fields

Maximum inclination : 15°

Working temperature : from -20 °C to + 90°C

Maximum viscosity of the fluid : 150 cSt

Minimum dimensions of the entire level gauge : 150mm

Available dimensions: values with increase of 50 mm from the minimum quote

Mechanical life: 10⁶ cycles at 20°C

Electric Features:

- Electric connection according to DIN 43650
- Electric protection according to DIN 40050: IP65
- Electric Reed contacts in exchange
- Maximum load on the electric contacts :

- AC up to 48 Volt – 1 Ampère
- DC up to 48 Volt – 0.5 Ampère

Warranty : see dedicated page

Also available:

- LG1R: with adjustable level of intervention
- LG1 _ T _ : with incorporated bimetallic thermostat



HOW TO ORDER

LG1					
Type	Adjustable execution		Bimetallic Thermostat incorporated		Length L intervention point
				°C	Only for fixed execution LG1
LG1	R1	90 < L < 220	T4	40	indicate the length request the minimum length is 150mm *NOTE: the dimensions are available with increase of 50mm beginning from the minimum length of 150 mm
	R2	200 < L < 370	T5	50	
			T6	60	
			T7	70	
	R3	350 < L < 600	T8	80	
	If omitted means standard execution	If omitted means standard execution	T9	90	