

## LGA\* MECHANICAL LEVEL CONTROLS

Suitable to control liquid level in tanks under pressure, autoclaves, steam generators with control contact for supply pump and with minimum level control. For liquids with specific weight from 0.9 to 1.2 kg/ dm<sup>3</sup> and viscosity below 38 mm<sup>2</sup>/ s. Die- cast aluminium waterproof enclosure.



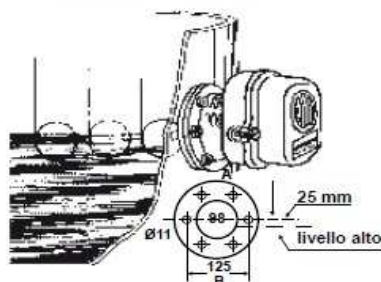
### DESCRIPTION

type	Level differential mm	Max temperature °C	Connection	Protection
<b>LGA41A</b>	25...50 25...75	200	Flanged	IP54
<b>LGA41B</b>	55...210 65...305 95...370 140...570	200		
<b>LGA42A</b>	25...50			

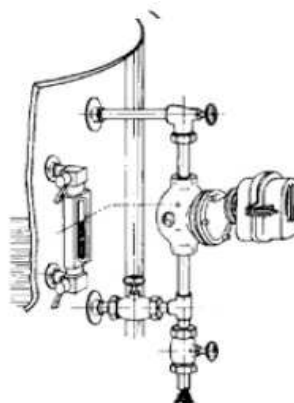
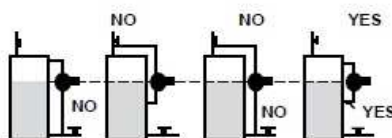
### TECHNICAL SPECIFICATIONS

Pressure max:	16 bar
Temperature max:	fluid 200 °C
Storage temperature:	-25...60°C
Protection:	IP54
Housing:	cast aluminum running tight
Cast body:	ductile iron
Float:	stainless steel S.S. 316 Teflon coated
Inner parts wet:	stainless steel 316 L
Standard:	CEI EN 60947-5-1
Output:	2 switches for high temperature: one for the pump control, one dual for burner control and alarm signal to a minimum level
Rated insulation voltage:	Ui 380V~
Rated current service:	ED 100% 6A
Rated operational current Ie:	220V- 250V~
Resistive load:	AC-12 - 5 A
Inductive load:	AC-15 - 2 A
Direct current:	DC-13 0,2A

#### A41 INSTALLATION EXAMPLE



#### A42 INSTALLATION EXAMPLE



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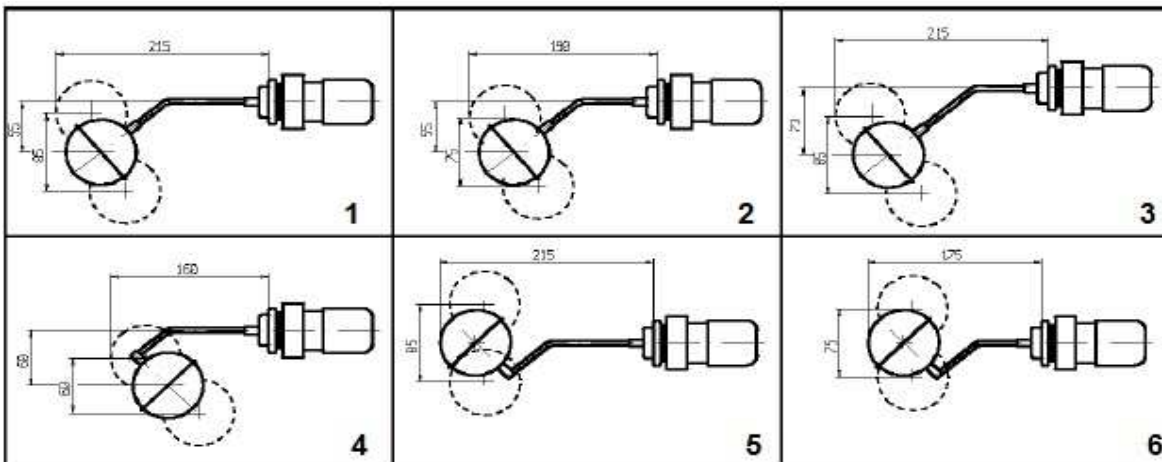
## LGA\* AUTOMATIC LEVEL SWITCH

**LGA2257** Device designed to control the water level into pressurized or non-pressurized tanks. Fitted by two electric deviation switches, fast and non-vibration type with silver-plated contacts for minimum and maximum level.

Brass body. PTFE sealing gasket. Stainless steel float ball. Brass and stainless steel internal components. Varnished steel cover. Electric parts contained in a zinc plated steel housing with two wire bushing in synthetic rubber suitable for cables Ø 12 mm



Process connection ISO228	Pressure max bar	Temperature max fluid	Adjustable differential level mm	Max breaking capacity		Weight kg
				Contacts RB 220VAC 15A 380VAC 10A	Contacts RV 220VAC 10A 380VAC 6A	
G 1" male	10	160°C	15...85			0.720



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