

# MAGNETIC LEVEL CONTROLS

# SLM-SLM/P SERIES



## GENERAL DESCRIPTION

Magnetic level controls for liquids are made of a reed contact placed inside the shaft and an operating magnet placed in the float.

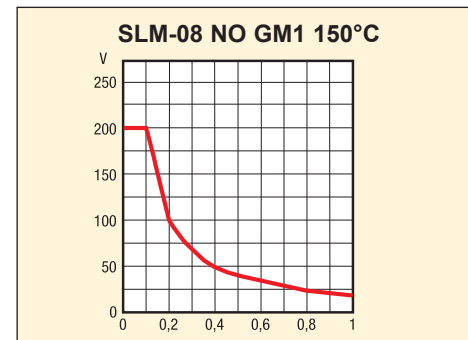
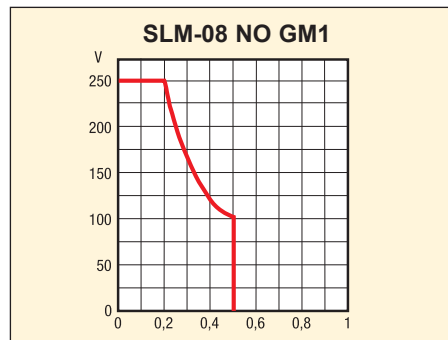
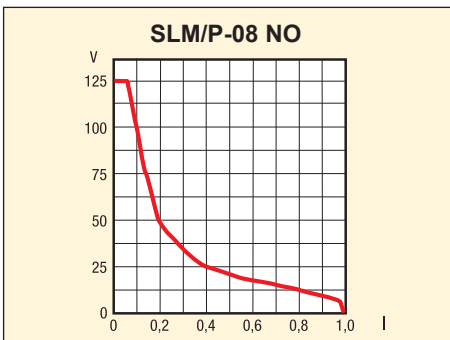
The working principle is the same as our magnetic sensors (pls. see page 100-101).

There are 3 models available: one made of plastic housing and two made of AISI 316 stainless steel suitable for high temperatures of +100°C to +150°C.

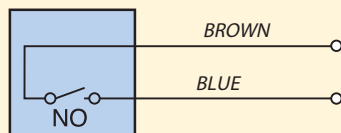
## TECHNICAL CHARACTERISTICS

MODEL		SLM/P-08 NO SLM000001	SLM-08 NO GM SLM000002	SLM-08 NO GM1 150°C SLM000004
Min liquid specific gravity	Kg/dm <sup>3</sup>	0,9	0,75	0,75
Switching distance	mm	>3	>3	>3
Max switching voltage	V	125	250	200
Max switching current	A	1	0,5	1
Max switching power	W/VA	10	50	20
Max switching frequency	Hz	230	230	230
Contact actuation time	ms	2	2	2
Repeatability	mm	±0,3	±0,3	±0,3
Temperature limits	°C	-20 ÷ +100	-20 ÷ +100	-20 ÷ +150
Ip rating	IP	67	67	67
Cable	0,5m	PVC 2x0,25	PVC 2x0,25	Teflon 2x0,25
Body Housing		Polypropylene	AISI 316	AISI 316
Float Housing		Polypropylene	AISI 316	AISI 316

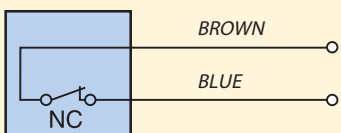
## SWITCHING POWER DIAGRAMS



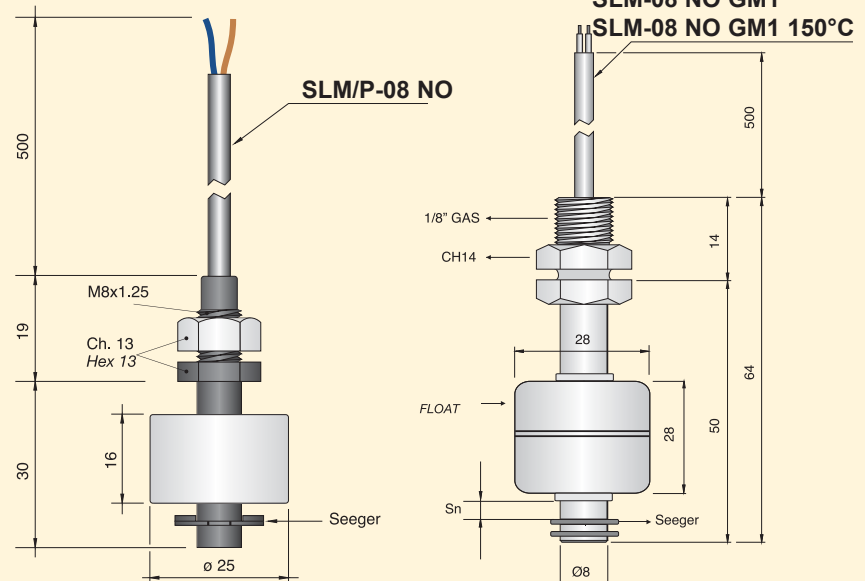
## WIRING DIAGRAM



**N.B.:**  
This level control is supplied with NO output contact, but can obtain the NC function simply by turning the float up-side-down.



## DIMENSIONS(mm)



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