

LMF MAGNETIC SWITCHING LEVELS FLANGED

Suitable for level control and regulation of one limit minimum or maximum threshold of a liquid in small containers such as sterilizers, autoclaves, steam machines, tanks food drinks. The liquid must have a specific gravity of 0.7 to 1.1 kg / dm. Operation for repulsion of two permanent magnets in opposition. UNI2223 flange connection DN 32 PN 6. Stamped stainless steel enclosure. Float and connection flange in stainless steel. Output connections with brass cable gland G3 / 8. Compliance with CEI EN 60947-5-1.

The ILMB933EX model accepts two microswitches option, both for replacing in case of breakage, as well as supplying two independent loads other than one micro. Friendly accessible by removing the cover housing. The change of the micro can be done directly by removing the metal housing with allen wrench. Liquid temperature can be controlled safely up to 200°C. The rod length of float is adjustable on site with mounting position on vertical plane, allowable withstand lateral folded up to 60° angle. The rod and the float are locked with cotter pins. The float 53x140, passes easily through the tube inner supports tube flanged DN 50 PN 10. Complete with seals in Teadit (asbestos-free) .



DESCRIPTION

Model	differential level mm.	Max pressure bar	weight kg	tropicalization
LMFAD22	25...175	6	1,2	No
LMFAD23	20...180	6	1,3	No
LMFAD23A	20...180	6	1,3	Yes (Teflon coated)
ILMB933EX		12		



AD23 - AD23A on request PN16, flanges thickness 14 mm.

TECHNICAL SPECIFICATIONS

Media Temperature:	max 150°C, 200°C ILMB933EX model
Storage Temperature:	-25...70°C
Protection:	IP54
Housing:	stamped stainless steel
Float:	stainless steel
Output connections with cable gland:	brass G3/8
Conformity:	CEI EN 60947-5-1
Microswitch:	SPDT level increased closes the contact 1-3 opens the contact 1-2
Insulation voltage:	Ui 380V~
Rated operating current::	15A continuous current
Nominal corrente:	250V~
Resistive load:	AC-12 - 15 A
Inductive load:	AC-15 - 10 A
Direct current	DC-13 0,25A
Explosion ILMB933ex model:	EEx-d execution - Explosion proof, explosion-proof electrical enclosure with European Standards EN 50014-50018 - EEx - d The C T6 - IP 65 Certificate No. ISSeP 93C.103.1120 5 A - 250 VAC resistive load 0,5 A - 125 VDC Inductive load 0,5 A - 125 Vdc
Flange connection	DN 50 PN 10/25 - UNI 2277
wetted parts	AISI 316 - DIN 1.4436
no-contact side	AISI 304 - DIN 1.4301



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LFMAD52 MAGNETIC SWITCHING LEVELS THREADED

Suitable to control and monitor the fluid level in open and under pressure tanks up to 10 bars. Used in installations with autoclaves to control the filling pump or automatically restore the air vessel. Operation with magnetic action (by repulsion with permanently opposed magnets). Suitable for liquids with specific weight from 0.7 to 1.1 kg/ dm³. Threaded connection male G 1 ¼ , 36 mm spanner. Shock- proof thermoplastic case with self-retaining screws. Choice between two fixed level differentials. Brass body. Compliance with the standards CEI EN 60947- 5- 1.



DESCRIPTION

tipo	differential level mm	Body	Blade	Float	Connection	Max pressure bar	Temp. fluid max °C	Protection
LFMAD52	20 - 55	Brass	SS	SS 304 38X115	1"1/4	10	100	IP54



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