

LU-S



USE:

Designed to provide both visual and electrical control of liquids in tanks. These levels are suitable for:

- hydraulic power units;
- tanks containing water, diesel, oils with a viscosity not exceeding 220 cSt, and all other liquids compatible with the materials used, excluding flammable substances.

OPERATION:

The principle used is that of communicating vessels: the liquid passes through the device via hollow screws, revealing the exact liquid level point within the tank to the user.

As the float moves along the tube, it changes the state of one or more bistable reeds; the contact will return to its previous state only when the float moves in the reverse direction.

Each sensor can be positioned at any point along the level axis, allowing precise control at any point in the tank.

VERSATILITY:

The wide range of available components allows for customization of the device based on specific usage conditions, adapting it to different needs and ensuring optimal performance.

TUBE MATERIAL	Maximum operating pressure with NYLON-GLASS float		Maximum operating pressure with NBR float
	UP TO I = 500 20bar	UP TO I = 1000 15bar	5bar
METHACRYLATE	UP TO I = 1000 35bar		5bar
PIREX			5bar

Max Tightening Torque: 10 Nm




ORDER FORM

MODEL	n° SENSORS		HOLES DISTANCE "I"	THREAD	CONNECTION		TUBE MATERIAL		HEAD	FLOAT	SENSOR S1	SENSOR S2	SENSOR S3	SENSOR S4	THERMOMETER	OR MATERIAL		NUT	SCREEN																		
					LOWER	UPPER	TEMP. (°C)									TEMP. (°C)																					
LU-S	1	MINIMUM HOLES DISTANCE 150	FROM 150 TO 4000	3/8"	A	A	A	METHACRYLATE	-40...+85	N	NYLON-GLASS	1	C	CLOSED IN ABSENCE OF LIQUID	C	CLOSED IN ABSENCE OF LIQUID	C	CLOSED IN ABSENCE OF LIQUID	N	NO	1	NBR	-30...+100	N	NO	A	ANODISED ALUMINUM										
	2	MINIMUM HOLES DISTANCE 200			B	B																						B	B	2	FKM (VITON)	-25...+200	B	GALVANIZED STEEL	I	AISi316	
	3	MINIMUM HOLES DISTANCE 250			R1	R2																						R1	R2	3	EPDM	-45...+155	C				AISi316
	4	MINIMUM HOLES DISTANCE 300			R2	T1																						T1	T1	4	HNBR*	-40...+130	C				
				1/2"	R1	R2	P	PYREX	-70...+250	I	AISI316	2	O	O	O	O	T	BIMETALLIC BRASS PLUGGED IN TO LOWER SCREW (EXCLUDES R0 - R1 - R2) USED ONLY WITH CONNECTIONS LOWER A - B (only 1/2")	3	SI* (SILICONE)	-60...+200																
					R2	T	T																														
LU-S	4	800	3/8"	A	A	A	A	A	A	1	C	C	C	C	C	N	1	A	A	A																	

*NOT AVAILABLE FOR TAPS

ELECTRICAL DATA

ELECTRICAL CHARACTERISTICS		DC SWITCHABLE POWER	40 W	AC/DC CURRENT INTENSITY	2A
		AC SWITCHABLE POWER	40 VA	SWITCHABLE VOLTAGE	230 VDC/VAC



CONNECTION:
Connection CE
IP65 PG.7