## 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:**

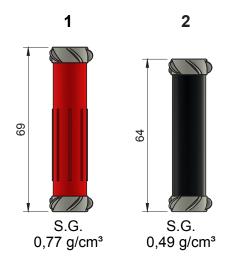
The wide range of available components allows for customization of the device based on specific usage conditions, adapting it to different needs and ensuring optimal performance.

TUBE MATERIAL	·	ing pressure with LASS float	Maximum operating pressure with NBR float				
METHACRYLATE	UP TO I = 500 20bar	UP TO I = 1000 15bar	5bar				
PIREX	UP TO I = 1	1000 35bar	5bar				

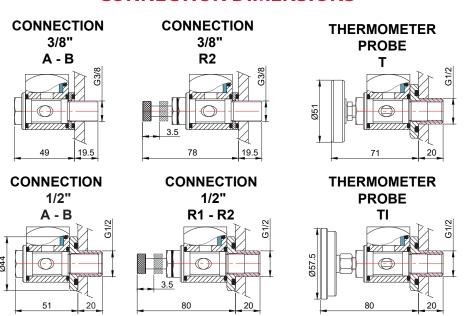
**Max Tightening Torque: 10 Nm** 

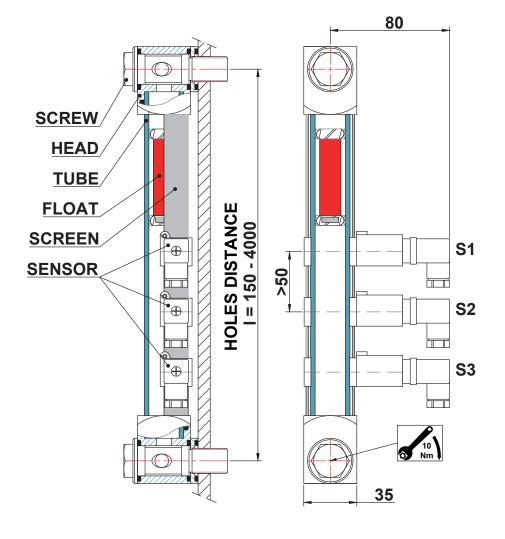
## LU-S

### **FLOATS**



### **CONNECTION DIMENSIONS**







# LU-S

### **ORDER FORM**

MODE	L	n° SENSORS	HOLES DISTANCE			CONNECTION	TUBE MATERIAL			HEAD		FLOAT	SEN	SENSOR S		SENSOR SENSOR		SENSOR		THERMOMETER		OR MATERIAL			NUT		SCREEN			
			"I"	THREAD		LOWER	UPPER			TEMP. (°C)				s	1	S2		S3		S4					TEMP. (°C)					
	MINIMUM HOLES DISTANCE 150  MINIMUM HOLES DISTANCE 200  FROM 150	1 HOLES DISTANCE			A	BRASS PLATED SCREW	BRASS PLATED SCREW				N NYLON-GLASS		NYLON-	CI	CLOSED	CLOSED IN C ABSENCE		CLOSED IN C ABSENCE	(	CLOSED IN ABSENCE	N	N NO		NBR	-30+100	N	NO			
			3/8"		E	AISI316 SCREW	A ME	METHACRYLATE	ATE -40+85	NI LON-GLASS		GLASS (RED) + NYLON	IN C ABSENCE OF LIQUID	OF LIQUID		OF LIQUID		OF LIQUID		2	FKM (VITON)	-25+200		NO	A ANODISED ALUMINUM					
LU-S			В	AISI316 SCREW	BRASS PLATED TAP OPEN/CLOSE (only 1/2")				ANODISED		(WHITE)		diopi.	OPEN IN O ABSENC		OPEN IN ABSENCE		OPEN IN ABSENCE		BIMETALLIC BRASS PLUGGED IN TO LOWER SCREW (EXCLUDES R0 - R1 - R2)		3 EPDM	<b>-4</b> 5+155		GALVANIZED					
10-5	:	MINIMUM HOLES DISTANCE		R1	R1	R1	R1	BRASS PLATED TAP OPEN/CLOSE	AISI316 TAP OPEN/DOWNLOAD/CLC	SE		,	ALUMINUM		NBR		NP.11	OF LIQUID		OF LIQUID	O	OF LIQUID		USED ONLY WITH CONNECTIONS LOWER A - B (only 1/2")	3		-45+155	В	STEEL	
	4 MINIMUM HOLES DISTANCE 300		1/2"	$\vdash$	R2	$\vdash$		(only 1/2")	ANODISED ALUMINU TOP CAP WITH BREATHER	Р	PYREX	-70+250		2	(BLACK) + NYLON	О АВ	OPEN IN ABSENCE OF							BIMETALLIC AISI316 PLUGGED IN TO LOWER SCREW (EXCLUDES R0 - R1 - R2		SI* (SILICONE)	-60+200			I AISI316
		DISTANCE				AISI316 TAP PPEN/DOWNLOAD/CLOSE	AISI316 1 TOP CAP WITH BREATHER				I AISI316		(WHITE)		IQUID	N NO	N	N NO	N	NO	11	USED ONLY WITH CONNECTIONS LOWER A - B (only 1/2")	5	HNBR*	-40+130	C	AISI316			
LU-S		4	800	3/8"		Α	Α		Α		Α		1	(	0	С		С		С		N		1			Α	Α		

## **ELECTRICAL DATA**

ELECTRICAL CHARACTERISTICS	4	DC SWITCHABLE POWER	40 W	AC/DC CURRENT INTENSITY	2A
	1———2	AC SWITCHABLE POWER	40 VA	SWITCHABLE VOLTAGE	230 VDC/VAC



CONNECTION: Connection CE IP65 PG.7