

LV/M-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 150 cSt, and all other liquids compatible with the materials used.

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 the 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.

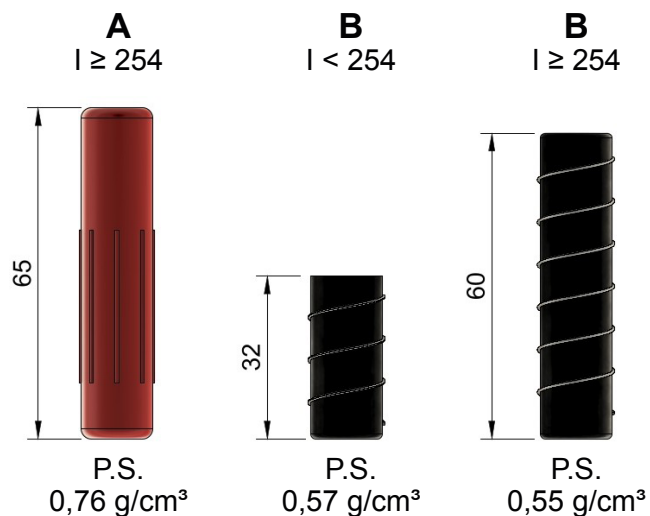
VERSATILITY:

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.

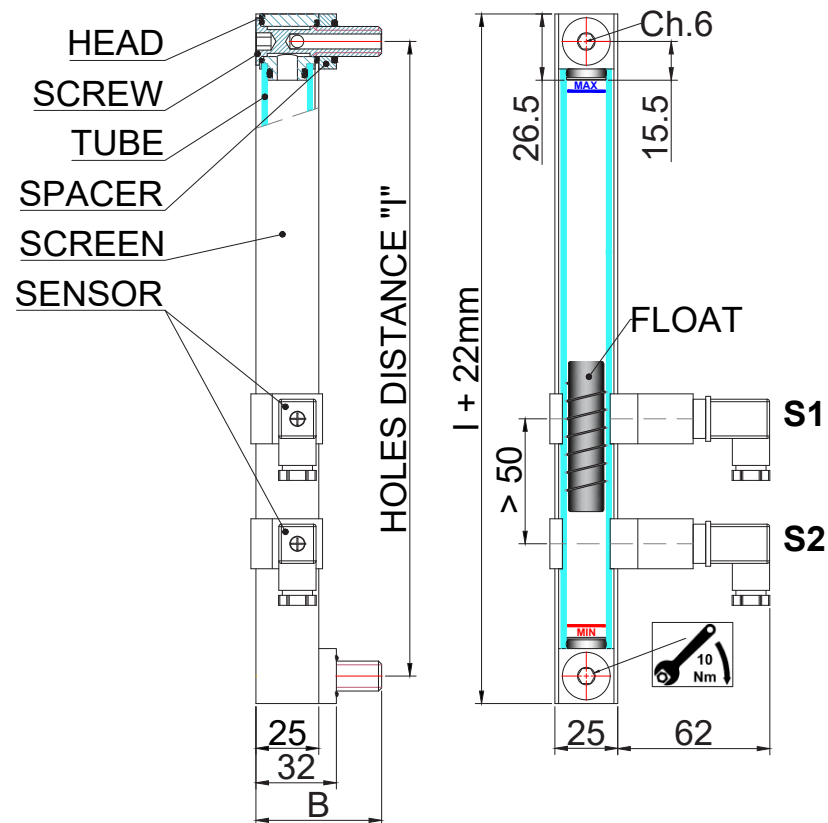
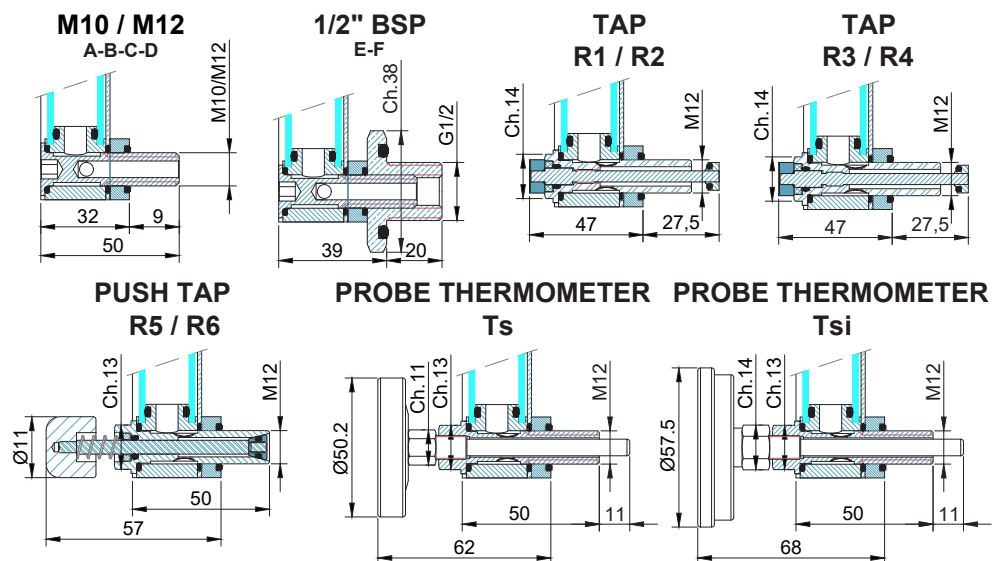
TUBE MATERIAL	Maximum operating pressure with NYLON-GLASS float		Maximum operating pressure with NBR float
	UP TO I = 300 20bar	UP TO I = 1000 3bar	
METHACRYLATE	UP TO I = 300 20bar	UP TO I = 1000 3bar	5bar
POLYCARBONATE	UP TO I = 500 20bar	UP TO I = 1000 3bar	5bar
PIREX	UP TO I = 1000 20bar		5bar

Max Tightening Torque: 10 Nm

FLOATS



CONNECTION DIMENSIONS




ORDER FORM

MODEL	HOLES DISTANCE "I"		N° SENSOR	CONNECTION		B (mm)	TUBE MATERIAL	TEMP ("C)	HEAD MATERIAL	TEMP ("C)	OR MATERIAL	TEMP ("C)	SENSOR S1	SENSOR S1	ELECTRICAL CONTACT POSITION	DEVICE		FLOAT					
LV/M	76	1	MINIMUM HOLES DISTANCE 276mm	A	M10	NICKEL PLATED BRASS	1	METHACRYLATE	-40...+85	A	NYLON-GLASS (BLACK)	-30...+130	1	NBR	-30...+100	A	N.O. IN ABSENCE	1	RIGHT	0	NO	A	NYLON-GLASS (RED) MINIMUM HOLE DISTANCE 276mm
	B			M12	NICKEL PLATED BRASS	R1														1 NICKEL-PLATED BRASS TAPS			
	C			M12	AI316	R2					2 NICKEL-PLATED BRASS TAPS												
	127	-S	MINIMUM HOLES DISTANCE 254mm	D	M10	AI316	2	POLYCARBONATE	-40...+85	B	P.P.-GLASS (GREY)	0...+100	3	SI (SILICONE)	-60...+200	B	N.C. IN ABSENCE	2	LEFT	R3	1 AI316 TAPS	B	NBR (BLACK)
	R4				2 AI316 TAPS																		
	254				E	1/2"BSP AI316					+ NICKEL PLATED BRASS SCREWS	R5	1 AI316 PUSH TAPS										
	381				F	1/2"BSP AI316					+ AI316 SCREWS	R6	2 AI316 PUSH TAPS										
	508																						
.....*																							
1 V/M	254-S	2	B	50	1	A	1	A	1	A	B	1	0	B									

*CUSTOMIZED HOLES DISTANCE FROM 77 TO 1000mm FOR QUANTITIES AGREED AT THE ORDERING STAGE

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