

# LV/E1

## VISUAL LEVEL GAUGES WITH MINIMUM LEVEL SIGNAL



**The visual level gauges allow the liquid level to be checked in a clear and precise way at any time.**

The principle used is that of communicating vessels: the liquid goes through the level gauge by means of hollow screws, showing the user the exact point inside the tank.

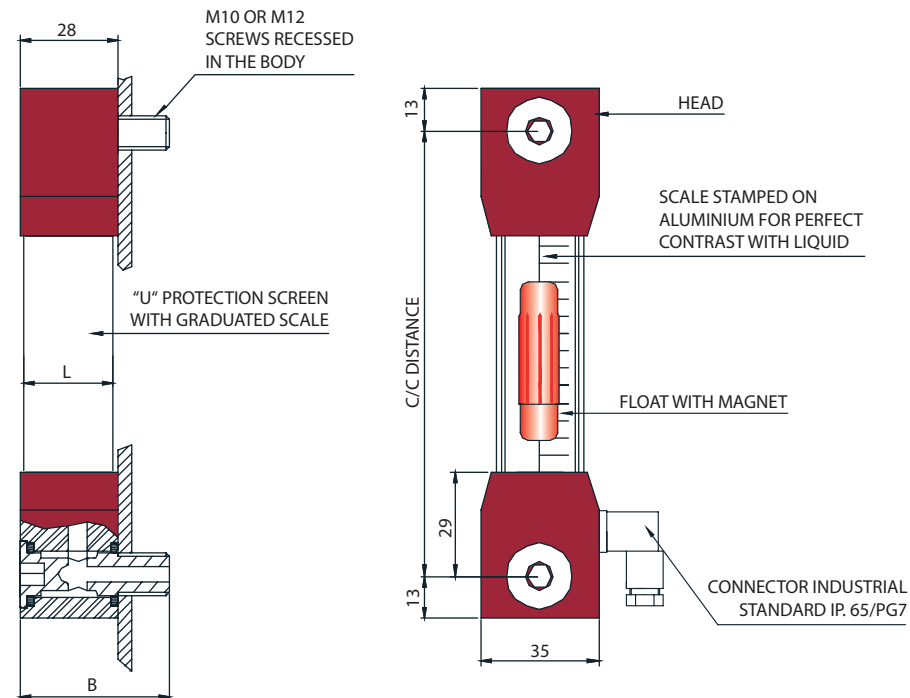
Through a full range of components our level gauges can meet the most particular needs, at a limited cost.

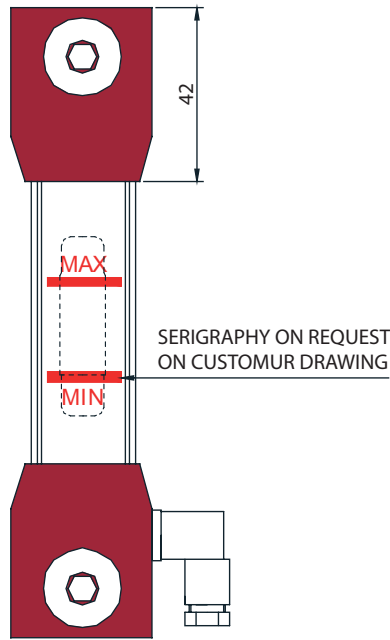
The level gauges can be equipped with tap that stop the flow of liquid from the tank to the gauge.

**The C/C distances of 127 ÷ 4000 mm** supplied meet the needs of all customers. In this way they can be interchangeable with the level gauges available on the market and, above all, "custom made" according to needs.

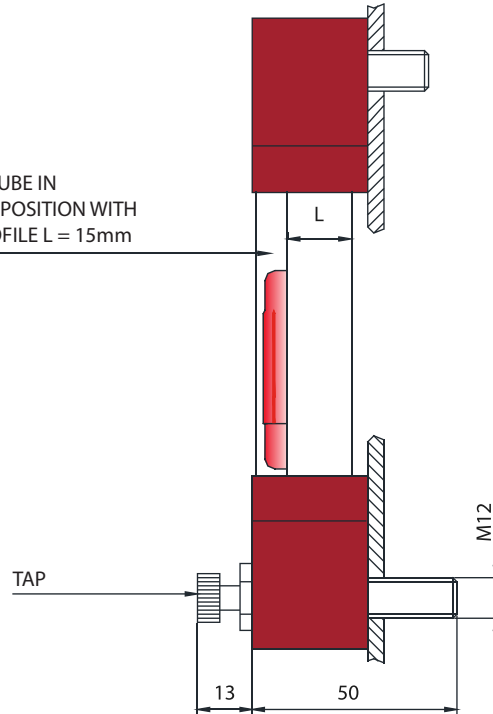
The "U" protection screen is normally fitted in order to obtain visibility on the front part of the level gauge, but if necessary it can be turned 90° to obtain visibility on the right or left.

As well as providing a visual indication, the visual level gauge E1 have a minimum level signal which can be **N.O.** or **N.C.** or **EXCHANGE**.

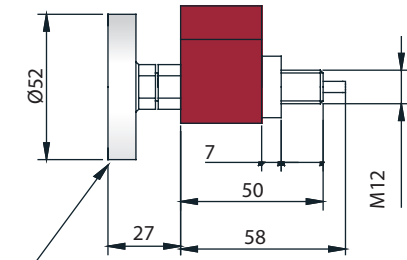




VISIBLE TUBE IN LATERAL POSITION WITH LOW PROFILE L = 15mm



BIMETAL THERMOMETER "TS" WITH DOUBLE SCALE °C (0-120) AND °F (30-250)



Maximum pressure: see page 33  
Maximum tightening torque: 10 Nm

LV / E1	SPST - N.C. IN ABSENCE	SPST - N.C. IN PRESENCE	SPDT
ELECTRICAL CHARACTERISTICS			
POWER COMMUTABLE IN C.C.	20 W	20 W	20 W
POWER COMMUTABLE IN C.A.		20 VA	20 VA
CURRENT STRENGTH IN C.C. - C.A.	1.A	1.A	1.A
COMMUTABLE VOLTAGE	200 VDC	150 VDC / VAC	150 VDC / VAC

MODEL	C/C DISTANCE	SCREWS	SCREWS MATERIAL B (mm)	ELECTRICAL CONTACT	POSITION ELECTRICAL CONTACT	TUBE MATERIAL	TEMP. (°C)	FLOAT	HEAD MATERIAL	TEMP. (°C)	OR MATERIAL	TEMP. (°C)	DEVICE TAP	THERMOMETER	SERIGRAPHY	NUT										
LV/E1	FROM 127 TO 4000	M12	A	NICKEL PLATED BRASS	42	C	CLOSED IN ABSENCE OF LIQUID	1	RIGHT	A	METHACRYLATE	-30...+85	1	NYLON-GLASS (RED)	A	NYLON-GLASS (RED)	-30...+130	1	NBR	-30...+100	0	WITHOUT	0	WITHOUT	0	WITHOUT
			B	NICKEL PLATED BRASS	50	O	OPEN IN ABSENCE OF LIQUID		B	POLYCARBONATE	-40...+85	2	POLYPROPYLENE-GLASS (YELLOW)	B	POLYPROPYLENE-GLASS (GRAY)	0...+100	3	SI (SILICONE)	-60...+200	R2	WITH 2 TAPS M12 NICKEL PLATED BRASS L=50 MM	0		WITHOUT		A
		M10	C	S/STEEL	42	O	OPEN IN ABSENCE OF LIQUID	B	POLYCARBONATE	-40...+85	2	POLYPROPYLENE-GLASS (YELLOW)	B	POLYPROPYLENE-GLASS (GRAY)	0...+100	4	HNBR	-40...+130	R3	WITH LOWER TAP M12 S/STEEL L=50 MM	TS	WITH EXTERNAL BIMETAL LOWER THERMOMETER (Includes M12-B) (Excludes R1-R2-R3-R4-R5-R6)	B	WITH SERIGRAPHY ON CUSTOMER'S DESIGN ON REQUEST FOR QUANTITIES	1	GALVANIZED STEEL
			C	S/STEEL	42	O	OPEN IN ABSENCE OF LIQUID	B	POLYCARBONATE	-40...+85	2	POLYPROPYLENE-GLASS (YELLOW)	B	POLYPROPYLENE-GLASS (GRAY)	0...+100	5	EPDM	-45...+140	R4	WITH 2 TAPS M12 S/STEEL L=50 MM						
			D	S/STEEL	50	S	EXCHANGE (SPDT)	2	LEFT	C	GLASS	-70...+250	3	NBR WITH STAINLESS STEEL SPIRAL (BLACK)	C	PVDF (WHITE)	-20...+120	6	FEP (FKM-SILICONE)	-60...+205						R5
		1/2" GAS S/STEEL	D	S/STEEL	50	S	EXCHANGE (SPDT)	2	LEFT	C	GLASS	-70...+250	3	NBR WITH STAINLESS STEEL SPIRAL (BLACK)	C	PVDF (WHITE)	-20...+120	7	MFQ (FLUOROSILICONE)	-60...+175	R6	WITH 2 PUSH TAPS M12 S/STEEL L=50 MM	2	STAINLESS STEEL		
		LV/E1	800	M12	A	C	1	A	1	A	1	1	1	1	R1	0	A	0								

## VISUAL LEVELS: PRESSURE TABLE

MOD.	C/C DISTANTE	MAX PRESSURE OF USE WITH RESPECT TO THE PIPE MATERIAL (Bar)					
		METHACRYLATE	POLYCARBONATE	PYREX	TR55		
TL	76		9		11		
	127		8		5		
	254		8		5		
TL/E	76		10		9		
	127		7		5		
	254		7		5		
LV/M	76		35		35	35	
	127		35		35	35	
	254		35		35	35	
LV LVC	127	35	35	35			
	254	35	35	35			
	300	35	35	35			
	400	25	35	35			
	500	15	35	35			
	600	13	35	35			
	700	8	21	35			
	800	5	21	35			
	900	4	21	35			
1000	3	21	35				
LMU	150	35		35			
	300	35		35			
	400	26		35			
	500	22		35			
	600	20		35			
	700	19		35			
	800	19		35			
	900	19		35			
1000	16	35					
IN PRESENCE OF FLOATING IN NBR (BLACK) THE PRESSURE OF USE DECADE TO 5 BAR							