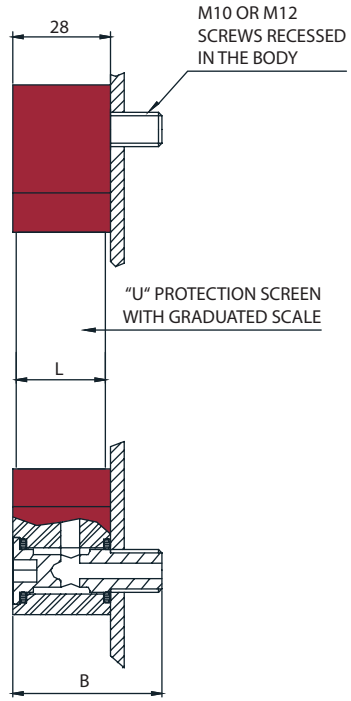
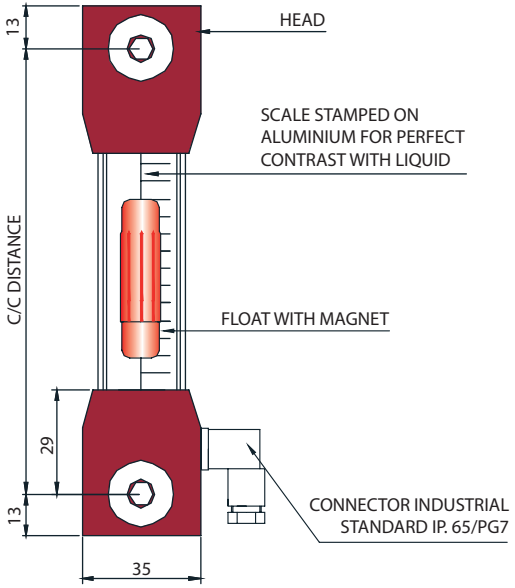
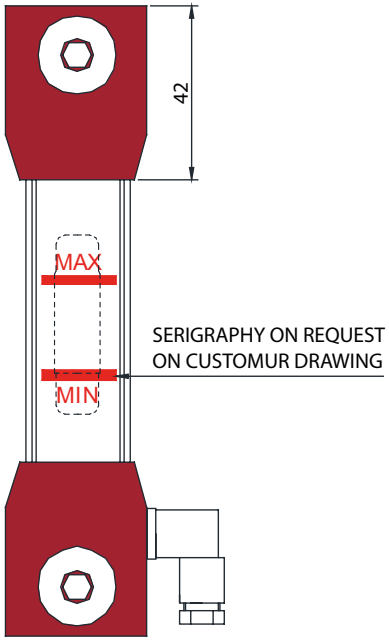
LV/E1

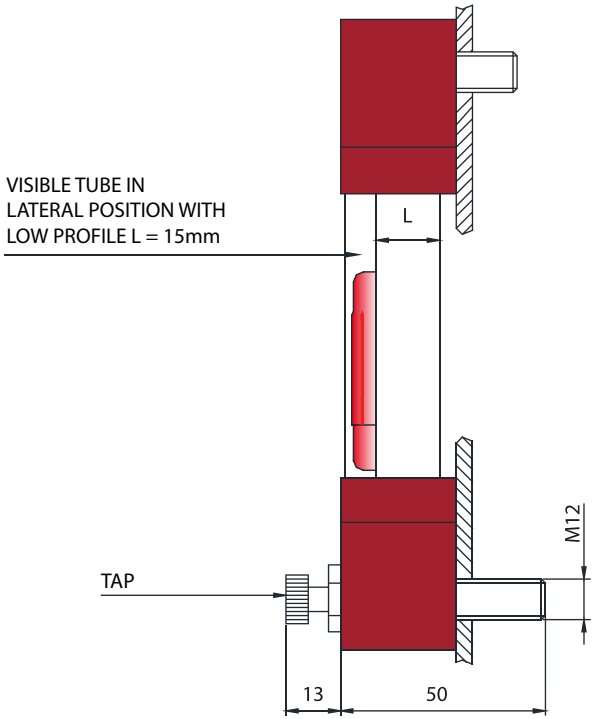
VISUAL LEVEL GAUGES WITH MINIMUM LEVEL SIGNAL

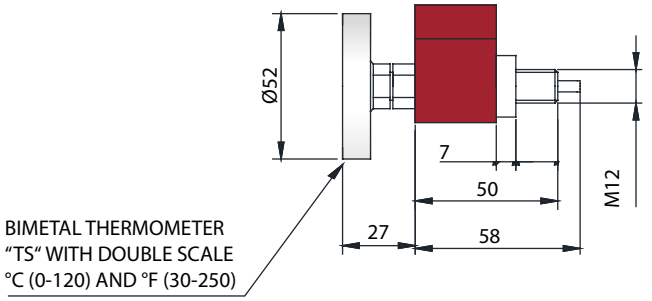
The visual level gauges allow the liquid level to be checked in a clear and precise way at any time.
The principle used is that of communicating vessels: the liquid goes through the level gauge by means of hollow screws, showing the user the exact point inside the tank.
Through a full range of components 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**.











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	1 — 2	1 — 2	3 — 2 — 1
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

MOD.	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)	DEVICES				SERIGRAFIA		NUT	
																					TAP		THERMOMETER					
LV/E1	FROM 127 TO 4000	M12	A	NICKEL PLATED BRASS	42	C	CLOSED IN ABSENCE OF LIQUID	1	RIGHT	A	METHACRYLATE	-70...+80	1	NYLON-GLASS (RED)	A	NYLON-GLASS (RED)	-30...+130	1	NBR	-30...+100	0	WITHOUT	0	WITHOUT	A	WITHOUT	0	WITHOUT
			B	NICKEL PLATED BRASS	50	O	OPEN IN ABSENCE OF LIQUID			B	POLYCARBONATE	-150...+130	2	P.P. - GLASS (YELLOW)				2	FKM (VITON)	-25...+200	R1	WITH LOWER TAP NICKEL PLATED BRASS L= 50 mm						
			C	S/STEEL	42													3	SI (SILICONE)	-60...+200	R2	WITH TWO TAPS NICKEL PLATED BRASS L= 50 mm					1	WITH TWO GALVANIZED STEEL LOCKNUTS
		M10	D	NICKEL PLATED BRASS	42	S	SPDT	2	LEFT	C	PYREX	-70...+250	3	NBR WITH S/STEEL SPIRAL (BLACK)	B	P.P. - GLASS (GREY)	0...+100	4	HNBR	-40...+130	R3	WITH M12 S/STEEL LOWER L= 50 mm	TS	WITH LOWER THERMOMETER external bimetallic **(includes M12-B) (Excludes R1-R2-R3-R4)**	B	WITH SERIGRAPHY ON CUSTOMER'S DESIGN **ON REQUEST FOR QUANTITIES**		
			E	S/STEEL	42													5	EPDM	-45...+155								
			F	NICKEL PLATED BRASS	50													6	FEP (FKM-SILICONE)	-60...+205							2	WITH TWO STAINLESS STEEL LOCKNUTS
		1/2"GAS	G	S/STEEL											C	PVDF (WHITE)	-20...+120	7	MFQ (FLUOROSILICONE)	-65...+175	R4	WITH 2 M12 S/STEEL TAP L= 50 mm						
LV/E1	800	M12	A			C		1		A			1		A			1			R1		TS		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					