

LV/E-S1..S2..S3..

VISUAL LEVEL GAUGES WITH VARIABLE POSITION SENSORS

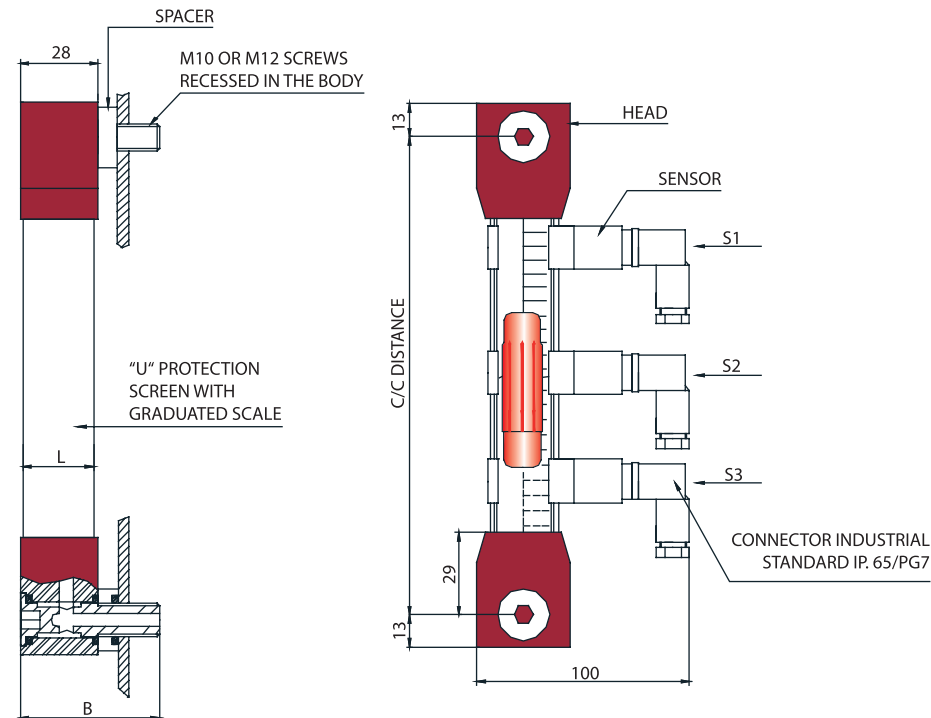


The visual level gauges allow the liquid level to be checked in a clear and precise way at any time.

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.

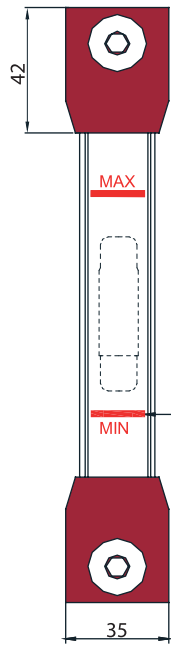


OPERATION:

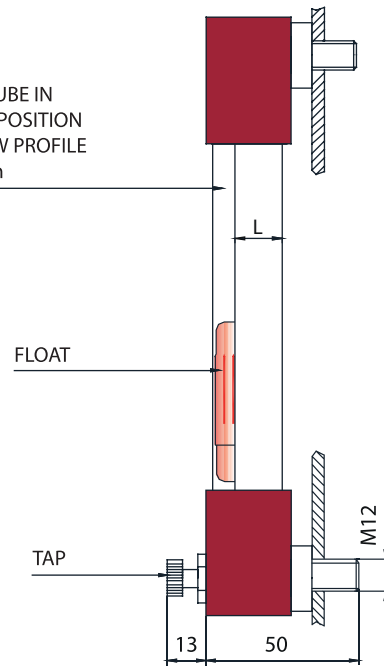
The float sliding in the tube excites one or more bistable Reeds (or in memory) that close the contact in sequence.

The contact opens again only when the float carries out the reverse path.

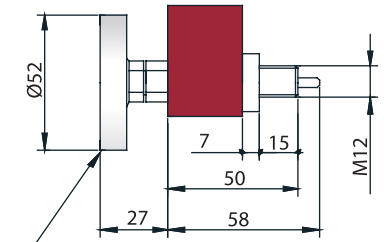
Each sensor can be placed as required along the axis of the level gauge. The sensors can be **N.O.** (normally open) in presence of liquid (closed in absence of liquid), **N.C.** (normally closed) in presence of liquid (open in absence of liquid), or **EXCHANGE**.



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 / E - S1..S2..S..	SPST CONTACTS	SPDT CONTACTS
ELECTRICAL CHARACTERISTICS		
POWER COMMUTABLE IN C.C.	40 W	20 W
POWER COMMUTABLE IN C.A.	40 VA	20 VA
CURRENT STRENGTH IN C.C. - C.A.	2.A	1.A
COMMUTABLE VOLTAGE	230 VDC / VAC	150 VDC / VAC

MOD.	NUMBER OF SENSORS	C/C DISTANCE	SCREWS	SCREWS MATERIAL		ELECTRICAL CONTACT S1	ELECTRICAL CONTACT S2	ELECTRICAL CONTACT S3	ELECTRICAL CONTACT S4	POSITION ELECTRICAL CONTACT	TUBE MATERIAL		FLOAT	HEAD MATERIAL		OR MATERIAL		DEVICES		SERIGRAFIA	TEMPERATURE SENSOR	NUT									
				A	B (mm)						TEMP. (°C)	TEMP. (°C)		TEMP. (°C)	TEMP. (°C)	TAP	THERMOMETE R														
LV/E-S	1	MIN. C/C DISTANCE 127	FROM 127 TO 4000	A	NICKEL PLATED BRASS	C	C	C	C	1	RIGHT	A	METHACRYLATE	-70...+80	1	NYLON-GLASS (RED)	A	-30...+130	1	NBR	-30...+100	0	WITHOUT	A	WITHOUT	0	WITHOUT	0	WITHOUT		
	2	MIN. C/C DISTANCE 170																	2	FKM (VITON)	-25...+200	R1	WITH LOWER TAP NICKEL PLATED BRASS L= 50 mm							0	WITHOUT
	3	MIN. C/C DISTANCE 220		B	S/STEEL	50	O	O	O	O	2	LEFT	B	POLYCARBONAT E	-150...+130	2	P.P. (YELLOW)	B	POLYPROPYLENE-GLASS (YELLOW)	0...+100	3	SI (SILICONE)	-60...+200	R2	WITH TWO TAPS NICKEL PLATED BRASS L= 50 mm	B	WITH SERIGRAPHY ON CUSTOMER'S DESIGN ON REQUEST FOR QUANTITIES	1	PT 100	1	WITH 2 NUTS GALVANISED STEEL
	4	MIN. C/C DISTANCE 260																			4	HNBR	-40...+130	R3	WITH M12 S/STEEL LOWER L= 50 mm						
				C	S/STEEL	S	S	S	S	2	LEFT	C	PYREX	-70...+250	3	NBR WITH S/STEEL SPIRAL (BLACK)	C	P.VDF (WHITE)	-20...+120	5	EPDM	-45...+155	R4	WITH 2 M12 S/STEEL TAP L= 50 mm	B	WITH SERIGRAPHY ON CUSTOMER'S DESIGN ON REQUEST FOR QUANTITIES	2	PT 1000	1	WITH 2 NUTS GALVANISED STEEL	
			6																	FEP (FKM-SILICONE)	-60...+205	7									MFQ (FLUOROSILICONE)
LV/E-S	3	800	M12	A		C	C	C	N	1		A		1		A		1					A		0		0				