

LV / E1 + S1..S2..S3..

VISUAL LEVEL GAUGE WITH MINIMUM SIGNAL AND VARIABLE POSITION SENSORS



VISUAL LEVELS

The visual level gauges allow the liquid level to be checked in a clear and precise way at any time, and have the possibility to have an electrical signal.

LV/E1+S1..S2..S3..

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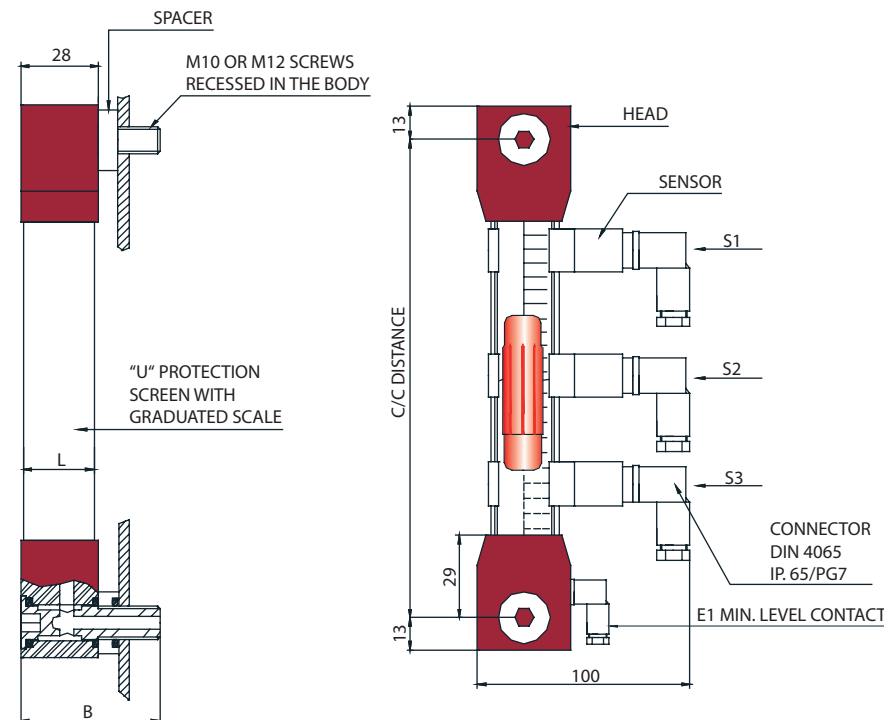


The visual level gauges allow the liquid level to be checked in a clear and precise way at any time.

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 and with bimetallic thermometer.

The C/C distances of 127 ÷ 3000 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.



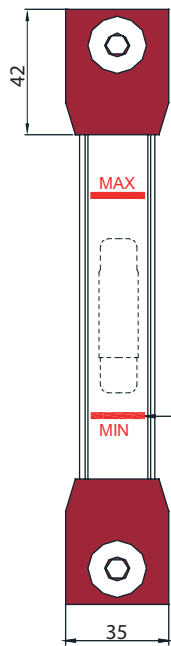
OPERATION:

The float sliding in the tube excites the contacts Reeds.

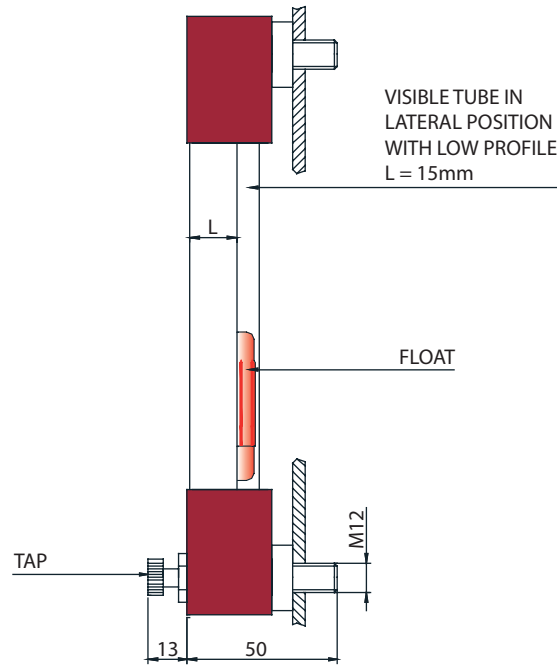
The sensors (**S1..S2..S3**) can be **SPDT** or **SPST** bistable (or with memory) that close the contacts in sequence. The contacts opens again only when the float carries out the reverse path. Each sensor can be placed as required along the axis of the level gauge.

The contact E1 can be SPDT or SPST **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).

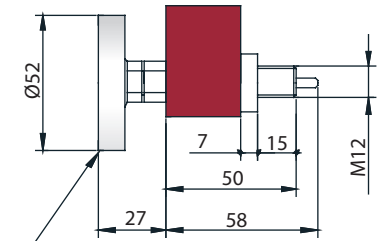
Max Pressure: 5 Bar



SERIGRAPHY ON REQUEST ON CUSTOMER DRAWING



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



LV / E1+S1..S2..S..	MIN. CONTACT			VARIABLE POS. SENSOR	
	SPST - N.C. IN ABSENCE	SPST - N.C. IN PRESENCE	SPDT	SPST CONTACT	SPDT CONTACT
ELECTRICAL CHARACTERISTICS					
POWER COMMUTABLE IN C.C.	20 W	20 W	20 W	40 W	20 W
POWER COMMUTABLE IN C.A.		20 VA	20 VA	40 VA	20 VA
CURRENT STRENGTH IN C.C. - C.A.	1.A	1.A	1.A	2.A	1.A
COMMUTABLE VOLTAGE	200 VDC	150 VDC / VAC	150 VDC / VAC	230 VDC / VAC	150 VDC / VAC

MOD.	NUMBER OF SENSORS	C/C DISTANCE	SCREWS	SCREWS MATERIAL	B (mm)	ELECTRICAL CONTACT OF MINIMUM - E1	ELECTRICAL CONTACT S1	ELECTRICAL CONTACT S2	ELECTRICAL CONTACT S3	ELECTRICAL CONTACT S4	POSITION ELECTRICAL CONTACT	TUBE MATERIAL	TEMP. (°C)	FLOAT	HEAD MATERIAL	TEMP. (°C)	OR MATERIAL		DEVICES		SERIGRAFIA						
																	TEMP. (°C)	TEMP. (°C)	TAP	THERMOMETER							
LV/E1+S	1	MIN. C/C DISTANCE 127	M12	A	50	C	C	C	C	C	1	A	-70...+80	NYLON-GLASS (RED)	A	30...+130	1	NBR	-	0	WITHOUT	0	WITHOUT	A	WITHOUT		
	2	MIN. C/C DISTANCE 170				O	O	O	O	O							O	O	O	B	-	25...+200	2			FKM (VITON)	-
	3	MIN. C/C DISTANCE 220		B	AISI 316 S/STEEL	50	O	O	O	O	O	O	2	POLYCARBONATE	-150...+130	NYLON-GLASS (RED)	B	0...+100	3	SI (SILICONE)	-60...+200	R1	WITH LOWER TAP NICKEL PLATED BRASS L50 mm	TS	WITH LOWER THERMOMETER external bimetallic (includes M12-B) (Excludes R1)	B	WITH SERIGRAPHY ON CUSTOMER'S DESIGN ON REQUEST FOR QUANTITIES
	4	MIN. C/C DISTANCE 260		C			AISI 316 S/STEEL	42	S	S	S	S							S	S	S	S	S				
5						S			S	S	S	S	S	S	S	S	S	5	EPDM	-45...+155			7	MFQ (FLUOROSILICONE)	-65...+175		
6						N	N	N	N	N	N	N	N	N	N	N	6 AND 7 ON REQUEST FOR QUANTITIES										
7																											
LV/E1+S	3	800	M12	1		C	C	C	C	N	1	A		1	A		1		R1	TS	A						