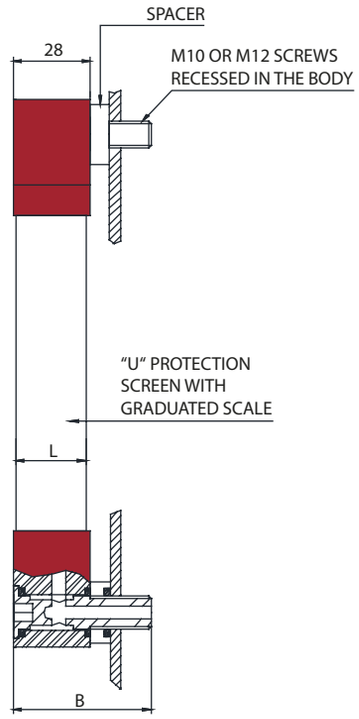
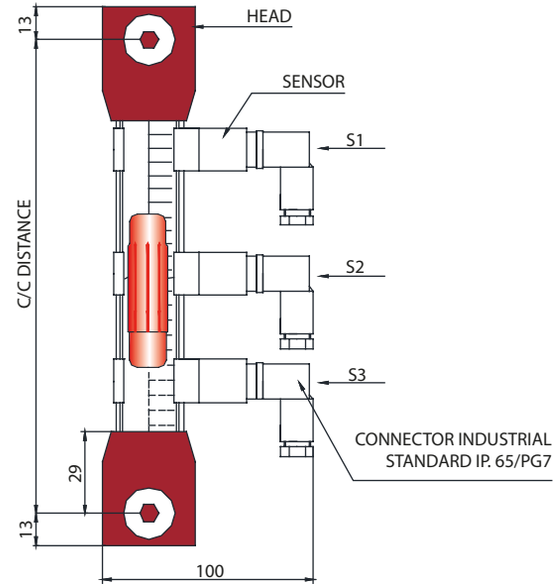
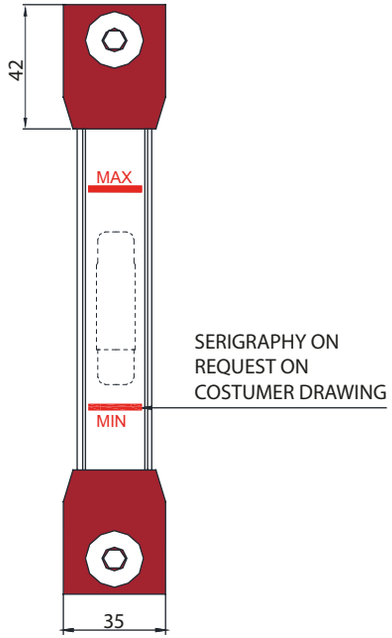
VISUAL LEVEL GAUGES WITH VARIABLE POSITION SENSORS

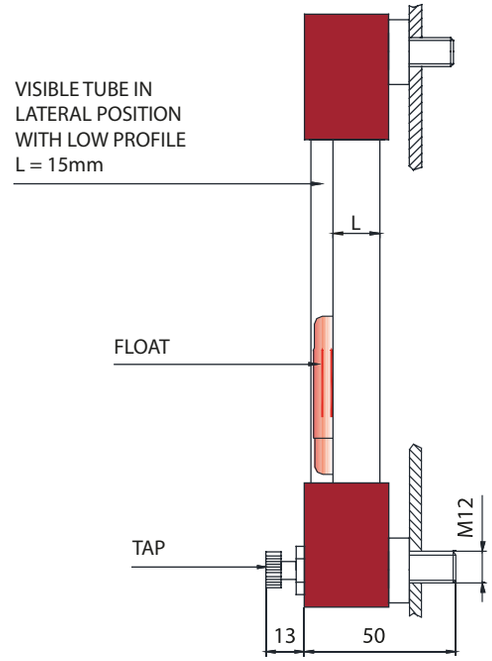
The visual level gauges allow the liquid level to be checked in a clear and precise way at any time.
The principle used is that of communicating vessels: the liquid goes through the level gauge by means of hollow screws, showing the user the exact point inside the tank.
Through a full range of components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

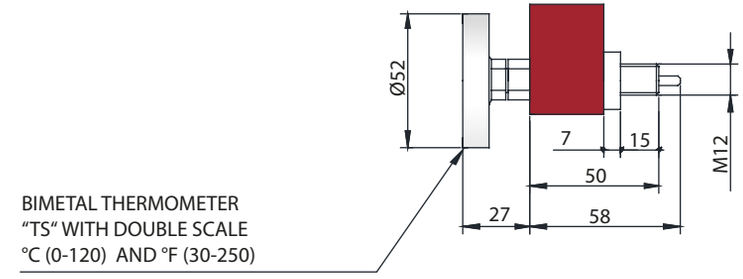




OPERATION:
The float sliding in the tube excites one or more bistable Reeds (or in memory) that close the contact in sequence.
The contact opens again only when the fl oat carries out the reverse path.
Each sensor can be placed as required along the axis of the level gauge.The sensors can be **N.O.** (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**.







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

RIL660 / E - S1..S2..S..	SPST CONTACTS	SPDT CONTACTS
ELECTRICAL CHARACTERISTICS	1 2	3 2 1
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

	C/C DISTANCE	SCREWS	SCREWS MATERIAL	B (mm)	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	TEMP. (°C)	DEVICE TAP	THERMOMETER	SERIGRAPHY	TEMPERATURE SENSOR	NUT
	FROM 127 TO 4000	M12	A NICKEL PLATED BRASS	50	C CLOSED IN ABSENCE OF LIQUID	C CLOSED IN ABSENCE OF LIQUID	C CLOSED IN ABSENCE OF LIQUID	C CLOSED IN ABSENCE OF LIQUID	1 RIGHT	A METHACRYLATE	-40...+85	1 NYLON-GLASS (RED)	A NYLON-GLASS (RED)	-30...+85	1 NBR	-30...+100	0 NO	0 NO	A NO	0 NO	0 NO
		M10	B S/STEEL		O OPEN IN ABSENCE OF LIQUID	O OPEN IN ABSENCE OF LIQUID	O OPEN IN ABSENCE OF LIQUID	O OPEN IN ABSENCE OF LIQUID		B POLYCARBONATE	-40...+85	2 NBR WITH STAINLESS STEEL SPIRAL (BLACK)	B POLYPROPYLENE-GLASS (GRAY)	0...+100	2 FKM (VITON)	-25...+200	R1 WITH LOWER TAP M12 NICKEL PLATED BRASS L=50 MM			1 PT100	1 GALVANIZED STEEL
		1/2"GAS S/STEEL			S EXCHANGE (SPDT)	S EXCHANGE (SPDT)	S EXCHANGE (SPDT)	S EXCHANGE (SPDT)	2 LEFT	C GLASS	-70...+250	3 POLYPROPYLENE-GLASS (YELLOW)	C PVDF (WHITE)	0...+100	3 SI (SILICONE)	-60...+200	R2 WITH 2 TAPS M12 NICKEL PLATED BRASS L=50 MM				
															4 HNBR	-40...+130	R3 WITH LOWER TAP M12 S/STEEL L=50 MM				
															5 EPDM	-45...+140	R4 WITH 2 TAPS M12 S/STEEL L=50 MM				
															6 SI (SILICONE)	-60...+205	R5 WITH LOWER PUSH TAP M12 S/STEEL L=50 MM	TS WITH EXTERNAL BIMETAL LOWER THERMOMETER (Includes M12-A) (Excludes R1-R2-R3-R4-R5-R6)	B WITH SERIGRAFY ON CUSTOMER'S DESIGN ON REQUEST FOR QUANTITIES	2 PT1000	2 STAINLESS STEEL
															7 MFQ (FLUOROSILICONE)	-60...+175	R6 WITH 2 PUSH TAPS M12 S/STEEL L=50 MM				
	800	M12	A		C	C	C	C	1	A		1	A		1		R1	0	A	0	0