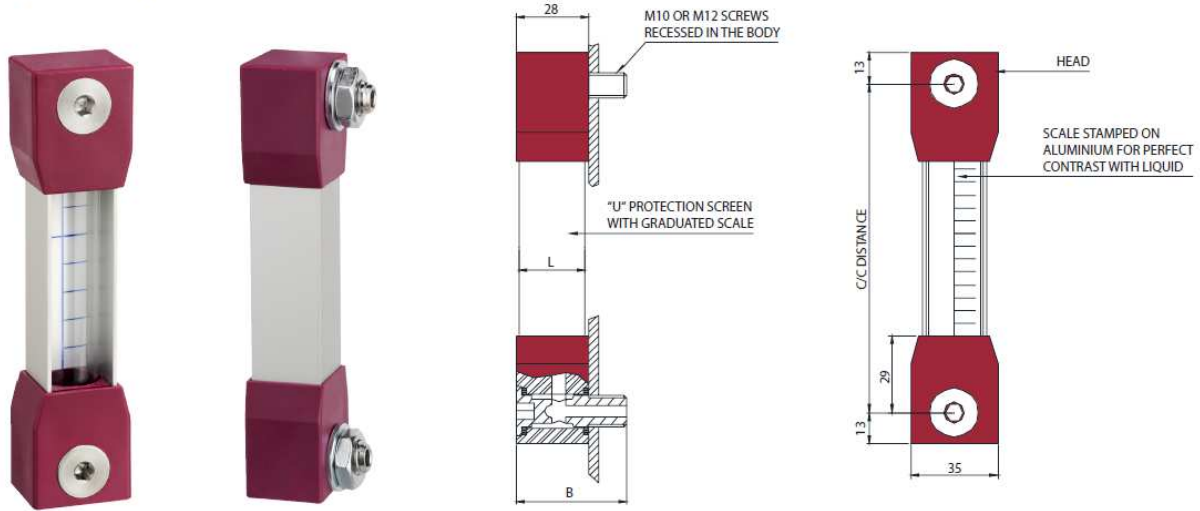


MINI-STAVOZNAKY SÉRIE LV

MULTICONTROL RANGE VISUAL LEVEL GAUGES



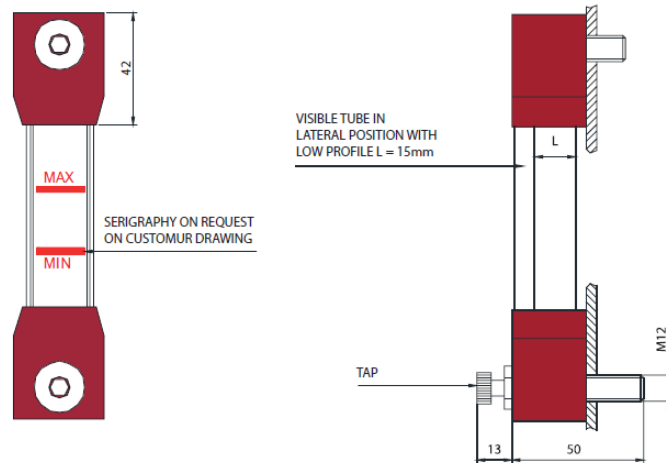
The visual level gauges allow the liquid level to be checked in a clear and precise way at any time.

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 taps that stop the flow of liquid from the tank to the gauge and with PT100 for continuous monitoring of temperature through PLC.

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.



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

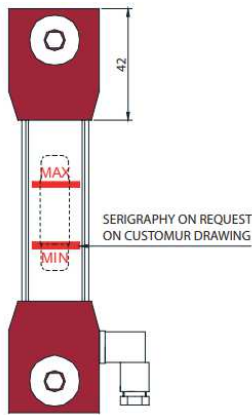
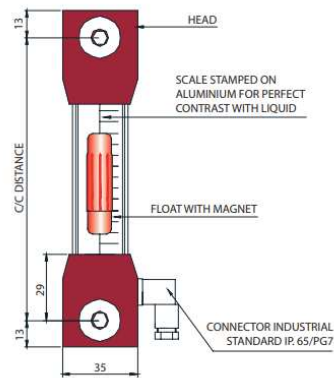
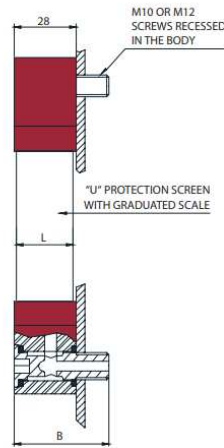
MODEL	C/C DISTANCE	SCREWS	SCREWS MATERIAL	ALUMINIUM PROFILE "L" (mm)	VISUAL	TUBE MATERIAL	TEMP. [°C]	FLOAT	HEAD MATERIAL	TEMP. [°C]	OR MATERIAL	TEMP. [°C]	DEVICE TAP	SERIGRAPHY	TEMPERATURE SENSOR	NUT
LV	FROM 127 TO 4000	M12	A GALVANIZED STEEL	42	F FRONT	A METHACRYLATE	-40...+85	0 WITHOUT	A NYLON-GLASS (RED)	-30...+130	1 NBR	-30...+100	0 WITHOUT	A WITHOUT	0 WITHOUT	0 WITHOUT
			B NICKEL PLATED BRASS	42		1 NYLON-GLASS (RED)	-25...+200	R1 WITH LOWER TAP M12 NICKEL PLATED BRASS L=50 MM								
		M10	C NICKEL PLATED BRASS	50	D RIGHT	B POLYCARBONATE	-40...+85	2 POLYPROPYLENE-GLASS (YELLOW)	0...+100	B P.P.-GLASS (GRAY)	-40...+130	R3 WITH LOWER TAP M12 S/STEEL L=50 MM				
			D S/STEEL	42	3 NBR WITH STAINLESS STEEL SPIRAL (BLACK)	-45...+140	R4 WITH 2 TAPS M12 S/STEEL L=50 MM									
			E S/STEEL	50	S LEFT	C GLASS	-70...+250	4 POLYPROPYLENE SPHERE (RED)	-20...+120	C PVDF (WHITE)	-60...+205	R5 WITH LOWER PUSH TAP M12 S/STEEL L=50 MM				
		1/2" GAS S/STEEL	50	6 FEP (FKM-SILICONE)	-60...+175	R6 WITH 2 PUSH TAPS M12 S/STEEL L=50 MM										
		7 MFQ (FLUOROSILICONE)	-60...+175	R6 WITH 2 TAPS M12 S/STEEL L=50 MM												
LV	800	M12	A	25	F	A	0	A	1	0	A	0	0			

MINI-STAVOZNAKY SÉRIE LV

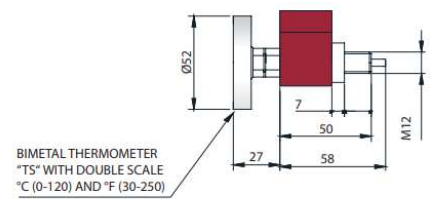
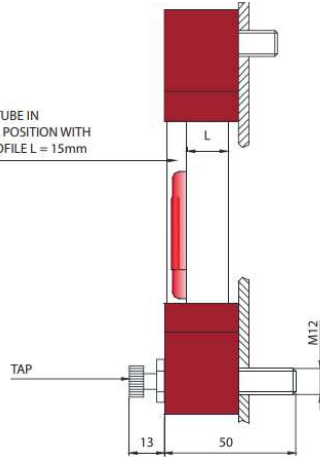
VISUAL LEVEL GAUGES WITH MINIMUM LEVEL SIGNAL



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	A 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	2 FKM (VITON)	-25...+200	R1 WITH LOWER TAP M12 NICKEL PLATED BRASS L=50 MM			
		M10	C S/STEEL	42	S EXCHANGE (SPDT)	2 LEFT	C GLASS	-70...+250	3 NBR WITH STAINLESS STEEL SPIRAL (BLACK)	C PVPDF (WHITE)	-20...+120	3 SI (SILICONE)	-60...+200	R2 WITH 2 TAPS M12 NICKEL PLATED BRASS 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	2 GALVANIZED STEEL
			D S/STEEL	50			C GLASS	-70...+250	3 NBR WITH STAINLESS STEEL SPIRAL (BLACK)	C PVPDF (WHITE)	-20...+120	4 HNBR	-40...+130	R3 WITH LOWER TAP M12 S/STEEL L=50 MM			
1/2" GAS S/STEEL	D S/STEEL	50			C GLASS	-70...+250	3 NBR WITH STAINLESS STEEL SPIRAL (BLACK)	C PVPDF (WHITE)	-20...+120	5 EPDM	-45...+140	R4 WITH 2 TAPS M12 S/STEEL L=50 MM	2 STAINLESS STEEL				
		50			C GLASS	-70...+250	3 NBR WITH STAINLESS STEEL SPIRAL (BLACK)	C PVPDF (WHITE)	-20...+120	6 FEP (FKM-SILICONE)	-60...+205	R5 WITH LOWER PUSH TAP M12 S/STEEL L=50 MM	2 STAINLESS STEEL				
LV/E1	800	M12	A	C	1	A		1	A		1	R1	0	A	0		

MINI-STAVOZNAKY SÉRIE LV

VISUAL LEVEL GAUGES WITH MINIMUM AND MAXIMUM SIGNAL



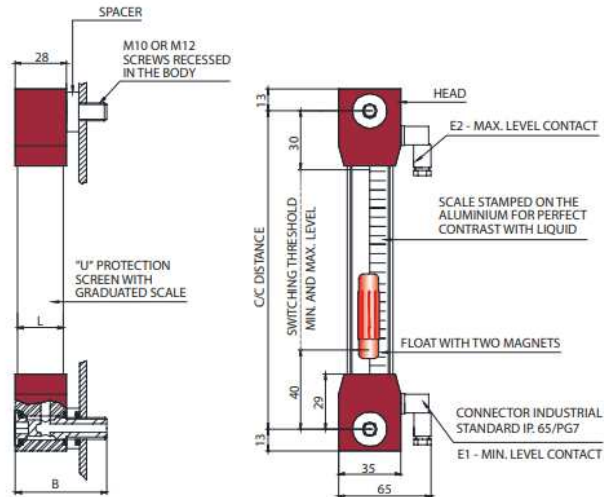
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MODEL	C/C DISTANCE	SCREWS	SCREWS MATERIAL B (mm)	ELECTRICAL CONTACT OF MINIMUM (E1)	ELECTRICAL CONTACT OF MAXIMUM (E2)	POSITION ELECTRICAL CONTACT	TUBE MATERIAL TEMP. (°C)	FLOAT	HEAD MATERIAL TEMP. (°C)	OR MATERIAL TEMP. (°C)	DEVICE TAP	THERMOMETER	SERIGRAPHY	NUT													
LV/E2	FROM 127 TO 4000	M12	A NICKEL PLATED BRASS	50	C	CLOSED IN ABSENCE OF LIQUID	C	CLOSED IN ABSENCE OF LIQUID	1	RIGHT	A	METHACRYLATE	-30...+85	1	NYLON-GLASS (RED)	A	NYLON-GLASS (RED)	-40...+85	1	NBR	-30...+100	0	NO	0	NO		
					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	0	NO	A	NO	0	NO
		M10	B S/STEEL	50	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	3	SI (SILICONE)	-60...+200	R2	WITH 2 TAPS M12 NICKEL PLATED BRASS L=50 MM	0	NO	A	NO	1	GALVANIZED STEEL
					S	EXCHANGE (SPDT)	S	EXCHANGE (SPDT)	C	GLASS	-70...+250	3	POLYPROPYLENE-GLASS (YELLOW)	C	PVDF (WHITE)	-20...+120	4	HNBR	-40...+130	R3	WITH LOWER 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 SERIGRAPHY ON CUSTOMER'S DESIGN ON REQUEST FOR QUANTITIES	2	STAINLESS STEEL
		1/2" GAS S/STEEL	B S/STEEL	50	S	EXCHANGE (SPDT)	S	EXCHANGE (SPDT)	C	GLASS	-70...+250	3	POLYPROPYLENE-GLASS (YELLOW)	C	PVDF (WHITE)	-20...+120	5	EPDM	-45...+140	R4	WITH 2 TAPS M12 S/STEEL L=50 MM	TS	WITH EXTERNAL BIMETAL LOWER THERMOMETER (Includes M12-A) (Excludes R1-R2-R3-R4-R5-R6)	B	WITH SERIGRAPHY ON CUSTOMER'S DESIGN ON REQUEST FOR QUANTITIES	2	STAINLESS STEEL
					S	EXCHANGE (SPDT)	S	EXCHANGE (SPDT)	C	GLASS	-70...+250	3	POLYPROPYLENE-GLASS (YELLOW)	C	PVDF (WHITE)	-20...+120	6	FEP (FKM-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 SERIGRAPHY ON CUSTOMER'S DESIGN ON REQUEST FOR QUANTITIES	2	STAINLESS STEEL
		7	MFQ (FLUOROSILICONE)	-60...+175	R6	WITH 2 PUSH TAPS M12 S/STEEL L=50 MM	TS	WITH EXTERNAL BIMETAL LOWER THERMOMETER (Includes M12-A) (Excludes R1-R2-R3-R4-R5-R6)	B	WITH SERIGRAPHY ON CUSTOMER'S DESIGN ON REQUEST FOR QUANTITIES	2	STAINLESS STEEL															
LV/E2	800	M12	A	C	C	1	A	1	A	1	R1	0	A	0													

MINI-STAVOZNAKY SÉRIE LV



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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					