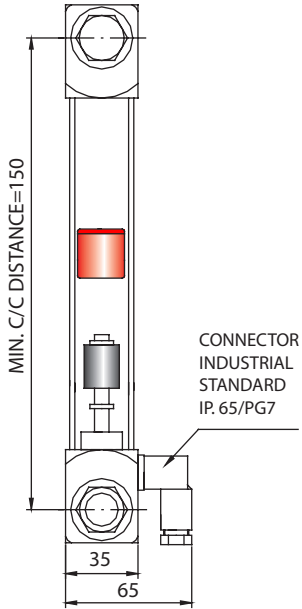


LMU + IE1

VISUAL LEVEL GAUGES IN METAL WITH MINIMUM SIGNAL



USE:

Designed for a visual and electromagnetic control of liquids in tanks with possibility of sending a luminous/acoustic signal at a distance, or activating or disconnecting the electrical circuit connected to it. The electromagnetic control can be of minimum or maximum (or minimum and maximum). Our electromagnetic Levels are suitable for:

- hydraulic power packs
- tanks containing water, gas oil, mineral oils with viscosity not higher than 220 cSt and all other liquids except acids or flammable substances.

OPERATION:

When the float of the indicator encounters the Reed switch incorporated in the tube at the pre-established distance, the contact, activated by the magnet housed in the float, opens or closes. S.P.D.T (exchange) contacts are also provided for.

POSSIBILITIES:

The ranges differ in the number of electrical contacts. In the more complete version (LMU + IE/2) there are two contacts, for minimum and maximum level. On request, they can be provided with a 70 mm long bimetal probe thermometer with Ø 40 mm body in chromed cast brass and scale of 0° to 120°C (the thermometer is incorporated in the clamping union).

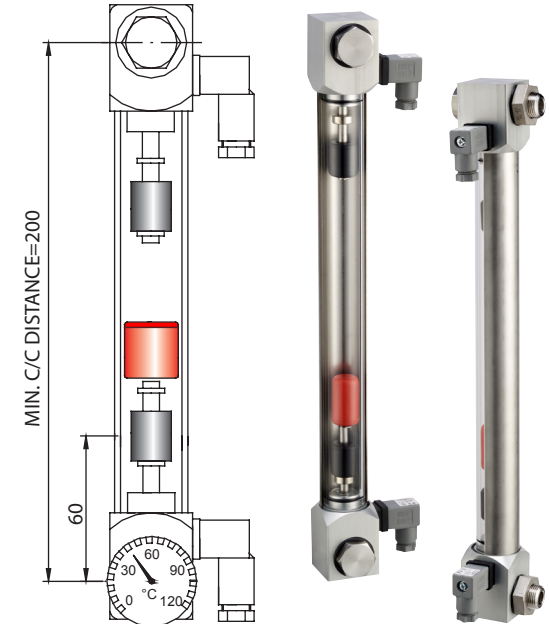
VISUAL LEVEL GAUGE CHARACTERISTICS:

The electromagnetic level gauge is incorporated in the connection block; the electrical connector on the side of the level gauge lower block is only for minimum, upper if only for maximum, or on both blocks if minimum and maximum. To have the connector in the best position for connection of the wires (left or right side), just turn the screen 180°. Tubes in methacrylate or pyrex glass. Nickel-plated brass 3/8" GAS thread or AISI 316 s/steel clamping screws.

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

LMU + IE2

METAL VISUAL LEVEL GAUGES WITH MINIMUM AND MAXIMUM SIGNAL



MODEL	C/C DISTANCE	TUBE MATERIAL	TEMP. (°C)	HEAD	FLOAT	LOWER CONNECTION	UPPER CONNECTION	THERMOMETER	OR MATERIAL	TEMP. (°C)	NUT	LOWER ELECTRICAL CONTACT	UPPER ELECTRICAL CONTACT
LMU+IE1	FROM 150 TO 4000	A METHACRYLATE	-40...+85	A ANODISED ALUMINIUM	1 NYLON-GLASS (RED)	A BRASS PLATED SCREW A=58	A BRASS PLATED SCREW A=58	S WITHOUT	1 NBR	-30...+100	A WITHOUT	C CLOSED IN ABSENCE OF LIQUID	N WITHOUT (LMU+IE1)
						B BRASS PLATED SCREW A=68	B BRASS PLATED SCREW A=68						C CLOSED IN ABSENCE OF LIQUID
LMU+IE2	FROM 150 TO 4000	P PYREX	-70...+250	A ANODISED ALUMINIUM	2 NBR (BLACK)	C AISI316 S/STEEL SCREW A=58	C AISI316 S/STEEL SCREW A=58	T BIMETALLIC PLUGGED IN TO LOWER SCREW (EXCLUDES R0 - R1 - R2) USED ONLY WITH CONNECTIONS LOWER A - C	2 FKM (VITON)	-25...+200	B GALVANIZED STEEL	O OPEN IN ABSENCE OF LIQUID	C CLOSED IN ABSENCE OF LIQUID
						R0 BRASS PLATED TAP OPEN/DOWNLOAD/CLOSE	R0 BRASS PLATED TAP OPEN/DOWNLOAD/CLOSE						O OPEN IN ABSENCE OF LIQUID
						R1 BRASS PLATED TAP OPEN/CLOSE	R1 BRASS PLATED TAP OPEN/CLOSE						O OPEN IN ABSENCE OF LIQUID
						R2 BRASS PLATED TAP OPEN/CLOSE	R2 BRASS PLATED TAP OPEN/CLOSE						O OPEN IN ABSENCE OF LIQUID
LMU+IE1	1000	P		A	1	A	A	S	1	C	C	N	

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							