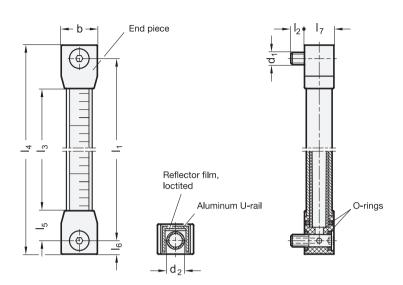
Fluid Level Indicators

Plastic, Lengths to 500 mm







Metric table



Dimensions in: millimeters - inches

I ₁	b	d ₁ Thread	d ₂	l ₂	l ₃	14	I ₅	I ₆	I ₇
300	35	M 12	20	13.5	242	326	29	13	28.5
11.81	1.38		0.79	<i>0.53</i>	9.53	12.83	1.14	<i>0.51</i>	1.12
400	35	M 12	20	13.5	342	426	29	13	28.5
<i>15.75</i>	1.38		0.79	<i>0.53</i>	13.46	16.77	1.14	<i>0.51</i>	1.12
500	35	M 12	20	13.5	442	526	29	13	28.5
19.69	1.38		0.79	0.53	17.40	20.71	1.14	0.51	1.12

Specification

• Tube

Plastic Crystal clear Acryl (PMMA)

- Temperature resistant up to 158 °F (70 °C)
- Solvent resistant
- End pieces

Plastic

Technopolymer (Polyamide PA)

- Glass fiber reinforced
- Black, matte finish
- U-rail

Aluminum

Anodized finish, natural color

- · Reflector film With marking lines
- O-rings

Rubber NBR (Perbunan®)

- · Set screws Steel, zinc plated
- Elastomer Characteristics → page 2135
- Plastic Characteristics → page 2135
- RoHS compliant

On request

• Other lengths I₁

Information

EN 651 fluid level indicators have a long indication range, designed specially for a heavily fluctuating fluid level.

The crystal clear plastic tube is inserted into the end pieces together with the aluminum U-rail.

The U-rail can also be rotated by 90°, allowing a viewing direction parallel to the mounting surface. The U-rail protects and stabilizes the fluid level indicator.

These fluid level indicators allow the production of special lengths in relatively small quantities.

see also...

List of Fluid Level Indicator Types → page 1658

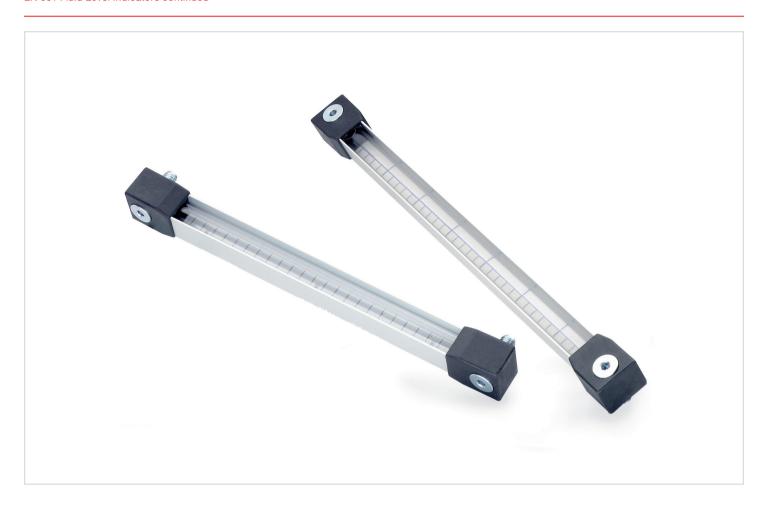




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Bore without countersink Container wall 12.5_{-0.2} for M12 Tightening torque max. 12 Nm

Assembly instruction

Two M12 threaded holes are required to mount the EN 651 fluid level indicators; for very small wall thicknesses, two holes of $\ensuremath{\mathcal{O}}$ 12.5 mm are required for mounting with nuts.

For a perfect seal, the screws should not be overtightened (max. 12 Nm). Recommended roughness of the sealing surface, Ra = 3 μm .