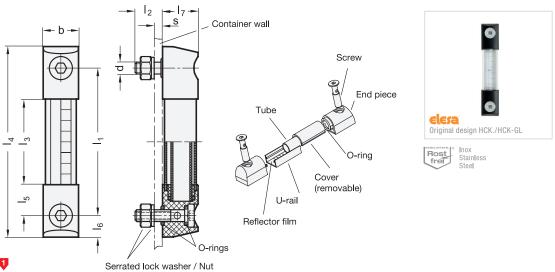
GN 654.1

High Chemical Resistance

Oil Level Indicators





I ₁		b	d	l ₂	I ₃	I ₄	I ₅	I ₆	I ₇	s ≈
GN 654	GN 654.1									Max. wall thickness
-	76	33	M 10	20	42	113	17	18,5	33	12
127	127	33	M 12	20	71	164	28	18,5	33	10
176	176	33	M 12	20	120	213	28	18,5	33	10
254	254	33	M 12	20	198	291	28	18,5	33	10
381	381	33	M 12	20	325	418	28	18,5	33	10
508	508	33	M 12	20	452	545	28	18,5	33	10

Specification

• GN 654

Plastic tube

Crystal clear Polycarbonate (PC)

- Temperature resistant up to 100 °C
- Alcohol resistant
- Not solvent resistant

O-ring, rubber NBR (Perbunan®) Set screw, steel, zinc plated

· GN 654.1

Glass tube

Borosilicate glass (Pyrex®)

- Temperature resistant up to 130 °C
- Highest mechanical and thermal resistance

O-ring, rubber FKM (Viton®)

Set screw, stainless steel AISI 303

Following information applies to both standards:

• U-rail

Aluminum, anodized, natural color

- End pieces, Technopolymer (Polyamide PA)
 - Black, matte finish
 - Temperature resistant up to 130 °C

Cover

Plastic, crystal clear Polycarbonate (PC)

RoHS

Information

Owing to the U-rail and the cover, oil level indicators GN 654 / GN 654.1 are extremely stable and are therefore suitable for great lengths. The fluid level can also be viewed from the side.

Oil level indicators GN 654.1 have a high chemical resistance and are also suitable for media containing or based on glycol.

For special requirements in terms of chemical resistance, pressure and temperature resistance, please contact us.

see also...

- List of Oil Level Indicator Types → Page 1562
- Assembly Sets for Electrical Oil Level Control GN 654.2 → Page 1578

On request

- Other lengths I₁
- · With temperatue display
- · With electrical temperature monitoring

How to order (Standard version)

GN 654-381	1	I ₁
How to order (High chemical resistance)		
GN 654.1-254	1	I ₁





Bore without countersink + 1, ≥ 76 : ±0.2 → - I₁ ≥ 127: ±0.5 Container wall 10.5_{-0.2} for M10 12.5_{-0.2} for M12

Assembly instructions

The assembly of the oil level indicators GN 650 is very simple and economical. You need two drillings Ø 10,5 and/or Ø 12,5 mm in the distance I₁ in te containerv wall. The oil level indicator can also be installed directly i.e. without nut, if the container wall has a fitting thread.

All individual parts necessary for the assembly are provided: Hexagon nuts, O-rings and serrated lock washers for safe guard. For perfect sealing by the O-rings the screws should not be too strongly tightened (max. 12 Nm). Recommended roughness of the sealing surface RA = $3 \mu m$.



3.7