

ELESA original design HCK./HCK-GL



$l_1$	$b$	$d$	$l_2$	$l_3$	$l_4$	$l_5$	$l_6$	$l_7$	$s \approx$ max. wall thickness
76	33	M 10	20	42	113	17	18,5	33	12
127	33	M 12	20	71	164	28	18,5	33	10
176	33	M 12	20	120	213	28	18,5	33	10
254	33	M 12	20	198	291	28	18,5	33	10
381	33	M 12	20	325	418	28	18,5	33	10
508	33	M 12	20	452	545	28	18,5	33	10

**Specification**

- **GN 654**  
Plastic tube  
chrystal-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

Following information applies to both standards:

- U-rail  
Aluminium, anodized, natural colour
- End pieces, Technopolymer (Polyamide PA)  
- black, matt  
- temperature resistant up to 130 °C
- Cover  
Plastic, chrystal-clear Polycarbonate (PC)
- RoHS compliant

**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.

**On request**

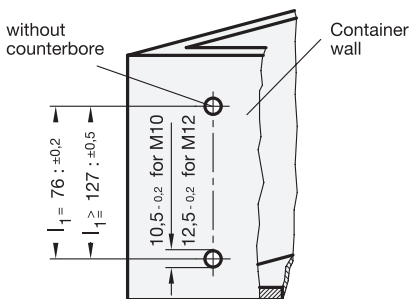
- other lengths  $l_1$
- with temperatue display
- with electrical temperature monitoring

Oil level indicators		
<b>GN 654-381</b>	1	$l_1$

Oil level indicators with high chemical resistance		
<b>GN 654.1-254</b>	1	$l_1$



2.1  
2.2  
2.3  
2.4  
2.5  
**2.6**



### Assembly instructions

The assembly of the oil level indicators GN 650 is very simple and economical. You need two drillings  $\varnothing 10,5$  and/or  $\varnothing 12,5$  mm in the distance  $l_1$  in the container 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  $RA = 3 \mu\text{m}$ .

2.7  
2.8  
2.9

