



elesa
Original design HCX./HCX-SST



2 Type

- A** Without thermometer
- B** With thermometer



l ₁	b	d	l ₂	l ₃	l ₄	l ₅	l ₆	l ₇	s ≈ Max. wall thickness	Thermometer scale	
										°C	°F
76	27	M10	21	40	106	18	15	16	12	20 ... 100	68 ... 210
127	31	M12	23	80	161	23	17	17	12	0 ... 100	32 ... 210
254	35	M12	21	203	290	26	18	18	12	0 ... 100	32 ... 210

Specification

- Body plastic
Crystal-clear Polyamide (PA-T)
 - Ageing resistant
 - High mechanical strength
 - Temperature resistant up to 90 °C
 - Solvent resistant, but not suitable for alcohol
 - Avoid contact with hot water
- Reflector aluminum
 - White lacquered
 - With two black marking lines resp. scale
- **GN 650**
 - O-rings, rubber NBR (Perbunan®)
 - Set screw, hexagon nut, serrated lock washer Steel, zinc plated, blue passivated
- **GN 650.1**
 - O-rings, rubber FPM (Viton®)
 - Set screw, Stainless steel AISI 303
 - Hexagon nut, serrated lock washer Stainless steel AISI 304
- **RoHS**

On request

- Oil level indicators GN 650 (AR) suitable for media containing alcohol
- Oil level indicators GN 650.1 (BW) suitable for hot water

Information

A special feature of oil level indicators GN 650 / GN 650.1 is that the liquid level is visible even from the side.

The polyamide body consists of two parts which are ultrasonically welded together. The oil level indicators are individually air pressure tested for leaks at 3 bar.

Oil level indicators GN 650 / GN 650.1 can also be used on tanks which are pressurised. Pressure test results regarding resistance under pressure are available.

As reflector, a white lacquered aluminum strip is used which shows marking lines or temperature scale. The scale is placed behind and outside the liquid column as a protective measure.

The shape of the oil level indicators offers a magnifying effect which makes the scale easily legible.

see also ...

- *List of Oil Level Indicator Types* → Page 1562
- *Oil Level Indicators GN 650.2 (with Protective Housing)* → Page 1566
- *Oil Level Indicators GN 650.4 (Narrow Type)* → Page 1567

How to order (Screws steel)	
1	l ₁
2	Type

How to order (Screws stainless steel)	
1	l ₁
2	Type



3.1

3.2

3.3

3.4

3.5

Assembly instruction

The assembly of the oil level indicators GN 650 / GN 650.1 is very easy 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: set screws with the drillings for oil, 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 $R_A = 3 \mu\text{m}$.

3.6

3.7

3.8

3.9

