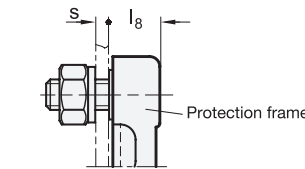
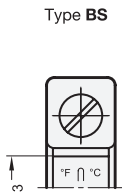
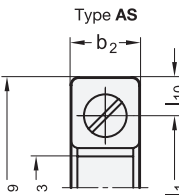


ELESA Original design HCZ. / HCZ-VT

2 Type

- A** without thermometer, without protection frame
- B** with thermometer, without protection frame
- AK** without thermometer, without protection frame, with plastic screws
- BK** with thermometer, without protection frame, with plastic screws
- AS** with thermometer, with protection frame
- BS** with thermometer, with protection frame



l ₁	b ₁	b ₂	d	Type A / AS Type B / BS		Type AK Type BK		l ₂	l ₃	l ₄	l ₅	l ₆	l ₇	l ₈	l ₉	l ₁₀	s ≈ max. wall thickness	Thermometer scale	
				°C	°F														
76	22	27	M 10	M 12	23	40	99	18	11,5	15	17,5	105	14,5	12	20 ... 100	68 ... 210			
127	22	27	M 12	M 12	23	80	150	23	11,5	15	17,5	156	14,5	10	0 ... 100	32 ... 210			
254	22	27	M 12	M 12	23	203	278	23	12	15	17,5	284	15	10	0 ... 100	32 ... 210			

Specification

- Body
Plastic
crystal-clear Polyamide (PA 6-T)
- ageing resistant
- high mechanical strength
- temperature resistant up to 90 °C
- solvent resistant,
but not suitable for alcohol
- avoid contact with hot water
- Protection frame
Plastic (Polyamide PA)
glass fiber reinforced, black, matte
- Contrast screen aluminum
- white lacquered
- with two black marking lines / scale
- O-ring rubber NBR (Perbunan®)
- Set screw, hexagon nut, serrated lock washer
- Type A / B / AS / BS:
Steel, zinc plated, blue passivated
- Type AK /BK: Plastic (PA)
glass fiber reinforced, black matte
Tightening torque max. 6 Nm
- RoHS compliant

Information

A special feature of oil level indicators GN 650.4 is their reduced dimension. The liquid level is visible even from side positions.

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.

All oil level indicators GN 650.4 can also be used on tanks which are pressurised. Pressure test results regarding resistance under pressure are available.

As a contrast screen, 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 protection frame is designed to increase the resistance of the indicator by absorbing all shocks. The protection frame is mounted to the indicator.

see also ...

- List of oil level indicator types → Page 1105
- Oil level indicators GN 650 → Page 1106

How to order	1	l ₁
	2	Type

GN 650.4-127-A



3.1

3.2

3.3

3.4

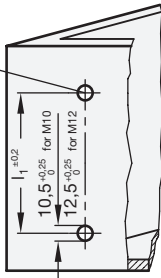
3.5

3.6

3.7

3.8

3.9

without
counterbore

Assembly instruction

The assembly of the oil level indicators GN 650.4 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 $RA = 3 \mu\text{m}$.