

ELESA Original design HCX/E

2 Type

NO normally open
NC normally closed

l_1	b	d	h	k	l_2	l_3	l_4	l_5	l_6	l_7	l_8	$s \approx$ max. wall thickness
127	31	M12	40	50	23	101	169	13	25	20	26	12

Specification

- Housing plastic
crystal-clear Polyamide (PA-T)
 - ageing resistant
 - high mechanical strength
 - temperature resistant up to 90 °C
 - resistant to solvents (excluding alcohol)
 - avoid contact with hot water
- Contrast screen
Aluminium
 - white lacquered
 - with two black marking lines
- Float plastic
black
- O-Ringe rubber NBR (Perbunan)
- Set screw and nuts
Steel, zinc plated, blue passivated
- Protection class IP explanations → Page XYZ
- Elastomer properties → Page XYZ
- Plastic characteristics → Page XYZ
- RoHS compliant

Information

By using the oil level indicators GN 650.3 the liquid level cannot only be seen but an electrical impulse can also be transmitted when the oil level has dropped below a specified limit.

For this purpose there is a magnetic float in the indicator which at a specified liquid level (liquid min. level) will close or open a contact in a REED switch.

The polyamide body consists of two parts, welded with ultrasound.

Oil level indicators GN 650.3 can also be used in pressurised containers. Pressure test results regarding resistance under pressure are available.

see also...

- Oil level indicators GN 650.5
(with electrical oil level and temperature monitoring) → Page XYZ
- Oil level indicators GN 650.6
(with electrical temperature monitoring) → Page XYZ

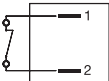
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GN650.3-127-NO	2 Type

Electrical specifications

Type NO
normally open



Type NC
normally closed

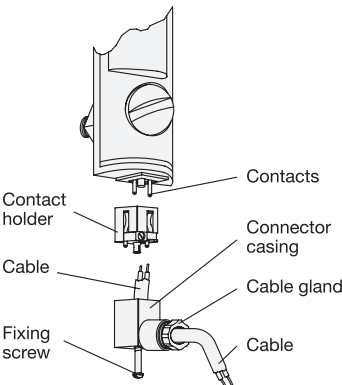


max. switching voltage / max. switched current:	150 Vac, 100 Vdc / 1 A (NO) 150 Vac, 150 Vdc / 2 A (NC)
max. switching capacity:	10 W (NO) / 20 W (NC)
Connector plug:	DIN EN 175301-803 Type C
Protection class:	IP 65
Cable gland:	PG 7, for cable-Ø from 6 to 7 mm
max. cable cross-section:	2 x 1,5 mm ²

Caution: Magnet fields impair the proper function!

Assembly sequence for cable connection

1. Loosen the fixing screw and pull off the connector plug.
2. Push the contact holder out off the connector casing.
3. Loosen the cable gland, feed the cable through the connector casing and connect to the contact holder.
4. Push the contact holder back into the connector casing and tighten the cable gland for strain relief grip / seal.
5. Push the connector plug over the contacts of the oil level indicator and secure with fixing screw.



Assembly instructions

Two 12,5 Ø bore holes in the container wall are sufficient to mount the GN 650.3 oil level indicator with nuts.

The oil level indicator can also be mounted directly, i.e. without nuts, if the container wall has two M12 threads.

