

**2** Type  
**NO** Normally open  
**NC** Normally closed

**1**

$l_1$	$b$	$d$	$h$	$k$	$l_2$	$l_3$	$l_4$	$l_5$	$l_6$	$l_7$	$l_8$	$s \approx$ Max. wall thickness
127	31	M 12	40	50	23	101	169	13	25	20	32,5	12
254	31	M 12	40	50	23	228	295	13	25	20	32,5	12

**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
- Float plastic  
Black
- O-rings  
Rubber NBR (Perbunan®)
- Set screw, hexagon nut, serrated lock washer  
Steel zinc plated, blue passivated
- IP Protection Classes → Page 2153
- Elastomer Characteristics → Page 2158
- Plastic Characteristics → Page 2158
- RoHS

**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...

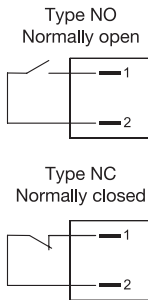
- List of Oil Level Indicator Types → Page 1562
- Oil Level Indicators GN 650.5 (with Electrical Oil Level and Temperature Monitoring) → Page 1572
- Oil Level Indicators GN 654 (with and without Electrical Oil Level Monitoring) → Page 1576

How to order

**GN 650.3-127-NO**

- 1**  $l_1$
- 2** Type

## Electrical specifications

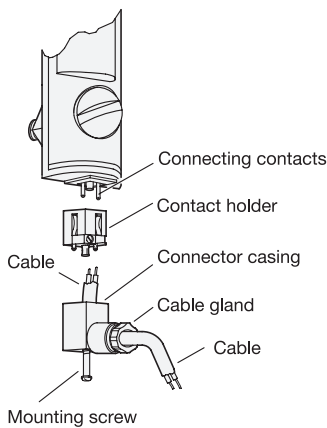


Max. switching voltage / max. switched current:	150 V AC, 100 V DC / 1 A (NO) 150 V AC, 150 V DC / 2 A (NC)
Max. switching capacity:	10 W (NO) / 20 W (NC)
Connector plug:	DIN EN 175301-803 Type C
Protection class:	IP 65
Cable gland:	PG 7, for cable-Ø from 6 to 7 mm
Max. cable cross-section:	2 x 1,5 mm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

Caution: Magnet fields impair the proper function!

## Assembly sequence for cable connection

1. Loosen the mounting 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 connecting contacts of the oil level indicator and secure with mounting screw.



## Assembly instructions

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

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

