

**2 Type**

- LS** With normally open contact
- LO** With normally closed contact
- LW** With change-over contact



| $l_1$ | $b$  | $d$  | $h$ | $k$ | $l_2$ | $l_3$ | $l_4$ | $l_5$ | $l_6$ | $l_7$ | $l_8$ | $s \approx$<br>Max. wall thickness | Max. compressive strength in bar |
|-------|------|------|-----|-----|-------|-------|-------|-------|-------|-------|-------|------------------------------------|----------------------------------|
| 76    | 30,5 | M 10 | 20  | 40  | 20    | 43,5  | 102   | 53    | 13    | 19,5  | 55    | 8                                  | 18                               |
| 127   | 30,5 | M 12 | 30  | 50  | 20    | 97    | 153   | 63    | 16    | 19,5  | 55    | 6                                  | 18                               |
| 254   | 30,5 | M 12 | 30  | 50  | 20    | 224   | 280   | 63    | 13    | 19,5  | 55    | 6                                  | 12                               |

**Specification**

- Plastic housing  
Crystal-clear polyamide (PA-T)  
- Aging resistant  
- High mechanical strength  
- Temperature resistant up to 90 °C  
- Solvent resistant, but not alcohol resistant  
- Avoid contact with hot water
- Contrast screen  
White painted aluminum
- Float  
Plastic (Polyamide PA), black  
- Glass fiber reinforced  
- With built-in magnet
- O-rings  
Rubber NBR (Perbunan®)
- Set screw, hexagon nut, serrated washer  
Steel, zinc plated, blue passivated
- IP Protection Classes → Page QVX
- Elastomer Characteristics → Page QVX
- Plastic Characteristics → Page QVX
- RoHS

**Information**

With oil level indicators GN 656.1, the fluid level can not only be viewed, it can also be monitored using an electric contact.

A float with a magnet is located within the indication range which closes or opens a contact at a certain fluid level (REED switch).

The table values for the maximum allowable pressure are based on the use of mineral oil (according to ISO 3498) at a temperature of 23 °C. Use under different conditions will influence the compressive strength and requires prior consultation.

see also...

- List of Oil Level Indicator Types → Page XYZ
- Oil Level Indicators GN 654 (with and without Electrical Oil Level Monitoring) → Page QVX

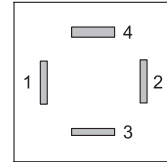
How to order

**GN 656.1-254-LW**

- 1  $l_1$
- 2 Type

## Plug Characteristics




|                      |   |
|----------------------|---|
| Connector:           | DIN EN 175301-803 type C                |
| Cable gland:         | PG 7, for a cable diameter of 6 to 7 mm |
| Cable cross section: | max. 1,5 mm <sup>2</sup>                |
| Protection class:    | IP 65                                   |



Notice: Magnetic fields can cause interference!

## Oil Level Monitoring

The oil level is measured by means of a float with a built-in magnet which opens or closes a contact (REED switch) when the minimum fluid level is reached.

| Electrical details          | Type <b>LS</b> (Normally open)  | Type <b>LO</b> (Normally closed)  | Type <b>LW</b> (Changeover contact)   |
|-----------------------------|---|---|---|
| Maximum contact voltage:    | 140 V AC, 200 V DC  | 140 V AC, 150 V DC  | 140 V AC, 150 V DC  |
| Maximum current on contact: | 1,2 A   | 2 A   | 2 A   |
| Maximum switch capacity:    | 10 W  | 20 W  | 20 W  |
| Operating symbol:           |  |  |  |

## Assembly Instructions for the Cable Connection

- Loosen mounting screw and remove connector plug.
- Push the contact insert out of the connector housing.
- Loosen cable gland, slip on the cable through the connector housing, and connect the wires to the contact insert.
- Push the contact insert back into the connector housing in the required position, tighten the cable gland for strain relief and to seal the cable.
- Push the connector plug onto the contacts of the oil lever indicator and then secure it with the mounting screw.

