

HFLT-E

Rapid levels with float



Material

Polyamide-based technopolymer (PA), colour grey. Resistant to solvents, oils, greases and other chemicals.

Packing rings

- TPE flat gasket (HFLT-EF).
- NBR synthetic rubber O-Ring (HFLT-ER).

Connector with sensor block

Side output, grey colour, with a built-in reed switch. It offers protection class IP 65 according to UNI 529 table (see catalogue 038, page 503) against water sprays.

For a correct assembly see Warnings (see page).

Dipstick

Featuring two raised scales (oil and water) marking the exact cutting point so as to obtain the desired set point (dimension L).

Standard executions

- **HFLT-EF**: assembly by means of a flange with 3 holes at 120° for 3 zinc-plated steel screws with hexagon socket, supplied, and a threaded coupler.
- **HFLT-ER**: assembly by means of a 1" Gas threaded coupler.

Maximum continuous working temperature

80°C.

Special executions on request

- Polypropylene body (PP).
- With flange with 6 holes for fastening with cylindrical head screws (supplied), in addition to the threaded body.
- For use with maximum working temperature up to 120°C.

Features and applications

HFLT-E rapid levels detects a predefined minimum or maximum level, according to the application needs.

Highly versatile, these rapid levels allow to define both the most accurate set point required by simply disassembling the dipstick float and cutting the dipstick exactly where needed, and the kind of operation required, with normally open (NO) or normally closed (NC) contact in presence of liquid, by loosening the fastening nut on the opposite end of the dipstick and positioning the inner magnet according to specific requirements (refer to the adhesive label).

The magnet is generally supplied with normally open (NO) contact in presence of liquid.

Free from magnetic parts, the float is integral to the dipstick making this level indicator ideal for use in tanks containing dirty liquids, water, oil, coolant oil, also with iron metal parts or foams. Moreover, the operation is independent of the fluid electrical conductivity. To ensure utmost safety, the electrical components are separated from the tank and perfectly sealed by means of ultrasound welding.



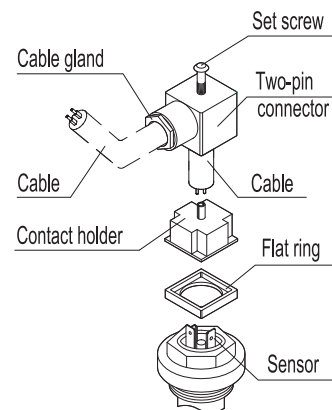
Electric characteristics

Power supply	AC / DC
Electric contacts	NO normally open in the presence of liquid
	NC normally closed in the presence of liquid
Maximum commutable voltage	100 Vdc, 150 Vac
Maximum opening capacity	1 A
Commutable power	10 W 10 VA
Cable gland	Pg9 / Pg11 UNIFIED
Conductors cross-section	Max 1.5 mm ²

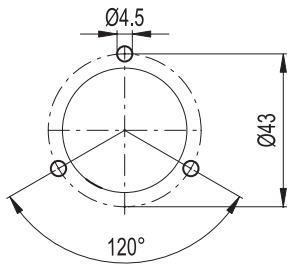


Two-pin connectors assembly instructions

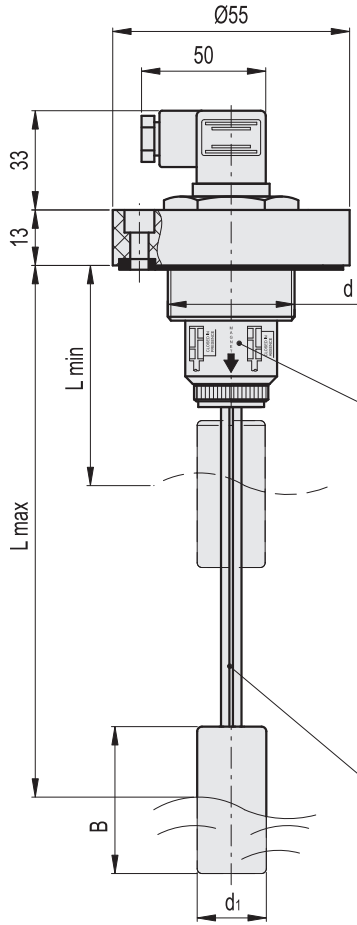
1. Remove the connectors from the indicator by unscrewing the set screw placed in the bottom, take the contact holders out and loosen the cable glands.
2. Slip on the two-pole cable into the connectors (standard connectors) and connect the wires to the terminals nr. 1 and nr. 2 of the relative contact holders.
3. Assemble by pressing the contact holders into the relative connectors in the required position.
4. Screw the connectors to the indicator and then tighten the cable glands.



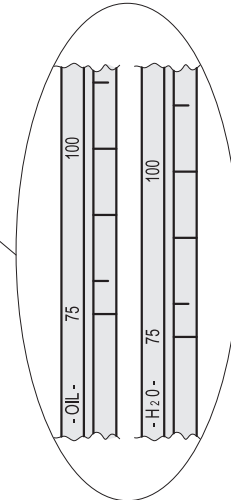
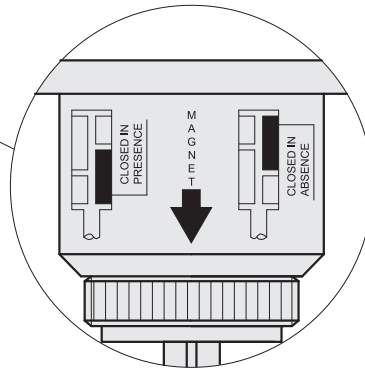
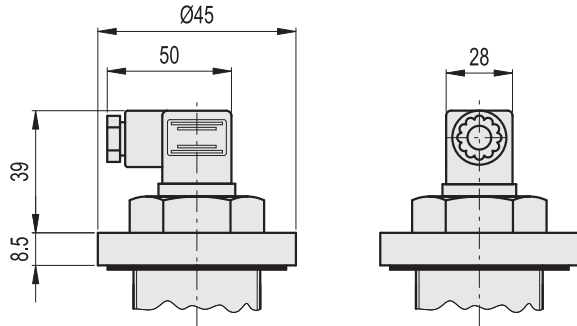
Drilling template for HFLT-EF



HFLT-EF



HFLT-ER



Standard Elements		Main dimensions					⚖
Code	Description	d	L min	L max	d1	B	g
111276	HFLT-EF-3/4	G 3/4	75	250	23	50	110
111278	HFLT-EF-1	G 1	85	360	30	60	110

Standard Elements		Main dimensions					⚖
Code	Description	d	L min	L max	d1	B	g
111271	HFLT-ER-3/4	G 3/4	75	250	23	50	110
111273	HFLT-ER-1	G 1	85	360	30	60	110