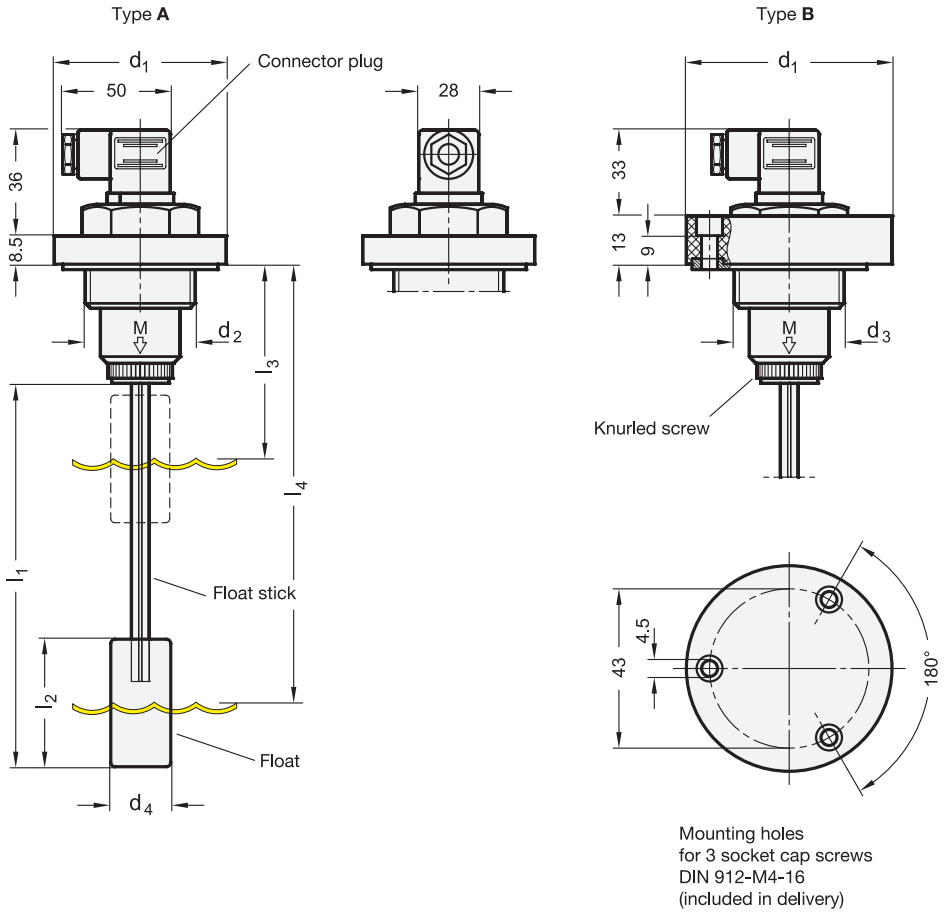


Metric

elesa
Original design HFLT-E

3 Type

A With thread
B With mounting flange

Metric table

Dimensions in: millimeters - *inches*

1 d_1 Type A	d_1 Type B	2 l_1 Standard length for l max.	d_2 Type A	d_3 Type B	d_4	l_2	For fluid level ≈ l_3 min.	l_4 max.
45 *1.77*	55 *2.17*	235 *9.25*	G 3/4	26.5 (G 3/4) *1.04 (G 3/4)*	23 *0.91*	50 *1.97*	75 *2.95*	250 *9.84*
45 *1.77*	55 *2.17*	360 *14.17*	G 1	33.5 (G 1) *1.32 (G 1)*	30 *1.18*	60 *2.36*	85 *3.35*	360 *14.17*

Specification

- Body / float / float stick
  Plastic
  Technopolymer (Polyamide PA)
  - Temperature resistant up to 176 °F (80 °C)
  - Gray
- Seal
  - Type A: NBR rubber O-ring (Perbunan®)
  - Type B: TPE flat seal
- Socket cap screws DIN 912
  Steel, zinc plated
- *IP Protection Classes → page QVX*
- *Plastic Characteristics → page QVX*
- RoHS compliant

On request

- Float switch with longer float stick

Information

EN 848 float switches can be used to monitor the fluid level by actuating an electrical switching contact as soon as a defined fluid level is exceeded or falls below a defined mark.

The desired level at which the switching point is to be reached is determined by the length of the float stick. With the float removed, this stick can be shortened; a scale for fluid or water facilitates determining the exact length.

The top end of the float stick features a magnet which activates a REED contact when the appropriate position is reached, regardless of the medium to be monitored.

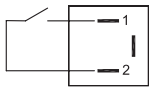
Depending on the installation position of the magnet in the float stick, either the normally open contact (NO) or the normally closed contact (NC) may be utilized. Float switches come with the magnet set in the normally open contact position (NO).

How to order

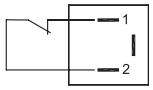
1 2 3
EN 848-55-235-B

1	**Diameter d_1**
2	**Length l_1**
3	**Type**

Normally open (NO)

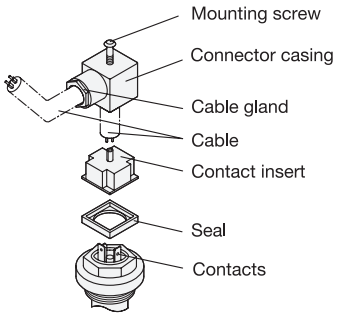


Normally closed (NC)



Electrical characteristics

Max. switching voltage / max. switching current	230 V AC, 230 V DC / 2 A
Max. switching capacity	40 W
Connector plug	DIN EN 175301-803 Type C
Protection class	IP 65
Cable gland	PG 7, for cable Ø from 6 to 7 mm
Cable cross-section	2 x 1.5 mm²



Assembly sequence for cable connection

1. Loosen the mounting screw and pull off the connector plug.
2. Push the contact insert out of the connector casing.
3. Loosen the cable gland, guide the cable through the connector casing and connect it to the contact insert.
4. Push the contact insert back into the connector casing and tighten the cable gland for strain relief / sealing of the cable.
5. Push the connector plug over the contacts of the float switch and secure it with mounting screw.

Assembly note

To change the contact type (NO or NC), loosen the knurled screw on the housing and pull out the float stick. The switching magnet can now be placed into the recess on the opposite side, with the effect that the contact type changes.

Each housing is provided with a label that explains this mode of function.