

3 Type
A With thread
B With clamping flange

Bores
 for 3 socket cap screws
 DIN 912-M4-16
 (included in delivery)

1 d_1		2 l_1	d_2	d_3	d_4	l_2	For level \approx	
Type A	Type B	Standard length for l_1 max.	Type A	Type B			l_3 min.	l_4 max.
45	55	235	G $\frac{3}{4}$	26,5 (G $\frac{3}{4}$)	23	50	75	250
45	55	360	G 1	33,5 (G 1)	30	60	85	360

Specification

- Housing,
 Float,
 Float rod
 Plastic (Polyamide PA)
 - Temperature resistant up to 80 °C
 - Gray
- Seal
 - O-ring NBR (Perbunan®) (Type A)
 - Flat sealing TPE (Type B)
- Socket cap screws DIN 912
 Steel, zinc plated
- IP Protection Classes → Page 2153
- Plastic Characteristics → Page 2158
- RoHS

On request

- Float switch with longer float rod

Information

Float switches GN 848 can be used to monitor fluid levels by activating an electrical switching contact as soon as a defined filling 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 rod. With the float removed, this rod can be shortened; a scale for oil or water facilitates determining the exact length.

The top end of the float rod features a magnet which activates a reed contact when the appropriate position is reached, irrespective of the medium to be monitored.

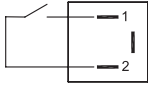
Depending on the installation position of the magnet in the float rod, either normally open (NO) or normally closed (NC) may be operated. When delivered, the magnet is set for operating normally open (NO).

How to order	1 d_1
GN 848-55-235-B	2 l_1
	3 Type

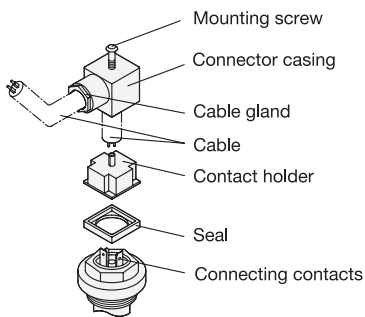
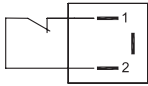
Electrical specifications

Max. switching voltage / Max. switched current:	230 V AC, 230 V DC / 2 A
Max. switching capacity:	10 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 mm ²

Normally open (NO)



Normally closed (NC)



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 float switch and secure with mounting screw.

Assembly instruction

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

Each housing carries a label which explains this mode of function.

Installation position for normally closed (NC)
Contact opens, when the oil is below the MIN level

Installation position for normally open (NO)
Contact closes, when the oil is below the MIN level

