

Float switches for retention receiver CF30 Series



CF-30



CF-31



- For retention receiver and gutter
- Stem length: from 150 to 2000 mm
- Easy installation
- Output: contact, potential free
- Gauge head housing: IP 54

APPLICATIONS

The float switch CF30 and its variants, are designed to detect eventual leaks from the main tank falling into the retention receiver.

Compatibility with liquids (examples):

- Fuel-oil
- Lubricating oil
- Rainwater
- Water-glycol mixture

As it is a simple controller, much more applications are available.

DESCRIPTION

Against the liquid height, the float lift up a stem actuating a change-over contact.

The fitting allows installation on almost any day-tank or retention receiver. The stem length may be modified on request.

Several versions are available depending on detection heights and mounting:

CF30 Model:

Le float is mounted vertically to reduce dimensions.

Stem length: 150 mm min.

Stem length: 950 mm max.

Detection from 100 mm of liquid as a minimum.

CF30 Twin model:

This model is equipped with 2 contacts and 2 vertical floats to reduce the dimensions.

One level detector is for alarming in case of leaks (retention receiver) while the second level detector allows to switch off a pump and actuate solenoid valves.

CF31 Model:

The float is mounted horizontally for a detection as soon as possible.

Stem length: 150 mm min.

Stem length: 2000 mm max.

Detection from 20 mm of liquid as a minimum.

CF32 Model:

Similar to CF30 model, but with BSP 2" fitting

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Float switches for retention
receiver
CF30 Series

13-11-2018

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TECHNICAL FEATURES

Materials	Stem: Stainless steel Float: Foamed PVC
Gauge head	IP 54
Operating pressure	Atmospheric
Operating temperature	Between 0 and 40 °C
Contact(s)	1 or 2 change-over contacts, 4 A, 230 V, potential free <i>Factory setting</i>

CODE NUMBERS AND REFERENCES

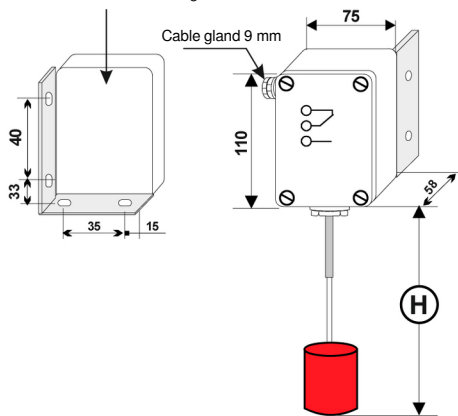
Code	Reference	Description	Lengths H and H ₁
579 601	CF30-400	Float switch, vertical float, 400 mm	400 mm
579 611	CF31-165	Float switch, horizontal float, 165 mm	165 mm
579 600	CF30-xxx	Float switch, vertical float, length H on request	150 up to 950 mm
579 605	CF30 DOUBLE-xxx-xxx	Twin float switches, vertical floats, length H and H ₁ on request	230 up to 950 mm
579 610	CF31-xxx	Float switch, horizontal float, length H on request	150 up to 2000 mm
579 615	CF32-xxx	Float switch, vertical float, fitting BSP 2", length H on request	150 up to 950 mm

DIMENSIONS

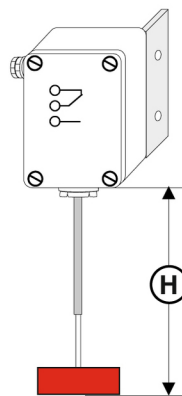
Dimensional (not to scale)

Diameter and length of float may vary according to stem lengths H and H₁.

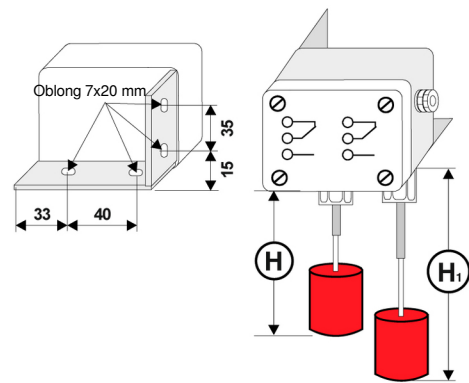
Horizontal or vertical mounting



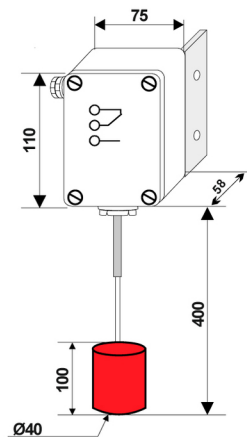
CF30



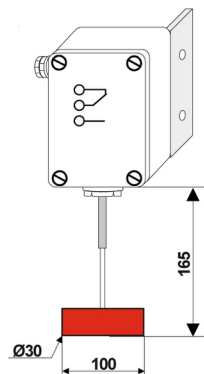
CF31



CF30 DOUBLE



CF30-400



CF31-165

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