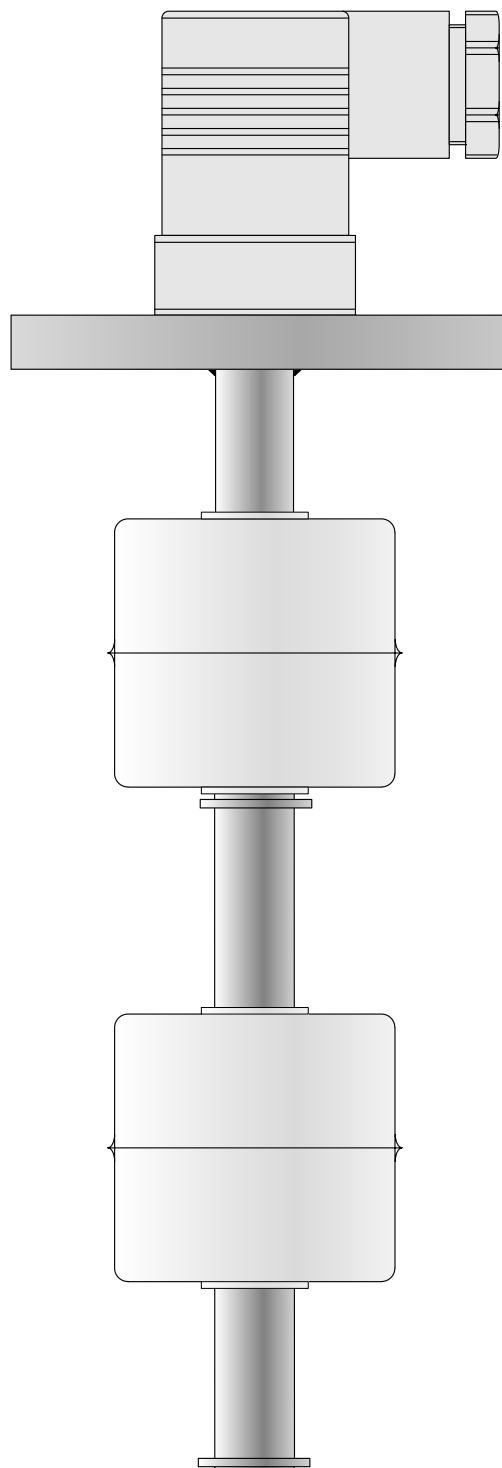


Float Switch



SS 1

KROMA
FÜLLSTANDSMESSTECHNIK GmbH
Rostocker Straße 9-10 D-39124 Magdeburg
Telefon: +49(0)391/2538744 Fax: +49(0)391/2538745
E-Mail: info@KROMA.eu Internet: www.KROMA.eu

SS 1 Float Switch

Description

KROMA SS 1 float switches are designed to monitor liquid levels of tanks by means of a float. All parts which make contact with the liquid are made of stainless steel. The float switch can be furnished with different connecting elements (AA) and sliding pipes up to three meters long (L).

A magnet inside the ring float serves to switch a reed contact provided in the sliding pipe. The float switch can be equipped with either one or two floats. Thus, each float switches the appropriate reed contact. L1 and L2 correspond to the filling levels of the respective switching points as measured from the seal edge at a medium density of 1 kg/dm³.

Special Features

- Only one moving part - the float
- Completely made of stainless steel
- Variable installation through different connecting elements
- Vibration- and shockproof
- Per switching contact one float

Technical Data

Type of contact :	Break contact or make contact
Contact load:	230V AC; 110V DC; 0.5A; 20 W / VA
Maximum number of floats:	2
Minimum distance of floats:	50 mm
Sliding pipe :	Length $L_{max} = 3 \text{ m}$, $\varnothing D = 12 \text{ mm}$
Connecting elements :	Refer to outline drawings.
Connection :	Refer to circuit diagram included in the installation instructions.
Degree of protection :	IP 65
Liquid temperature range :	-30°C to 100°C
Operating pressure :	$\leq 25 \text{ bar}$
Density :	$\geq 800 \text{ kg/m}^3$

Information required with order (typical order)

SS 1 . 2 0 - 1/300 2/100 - 500

KROMA "SS 1" float switch

Connecting elements: "2" = AA2 (other AAs, refer to overview)

Mounting position "0" from top, "1" from bottom

Type of contact "1/" = break contact for rising levels

"2/" = make contact for rising levels

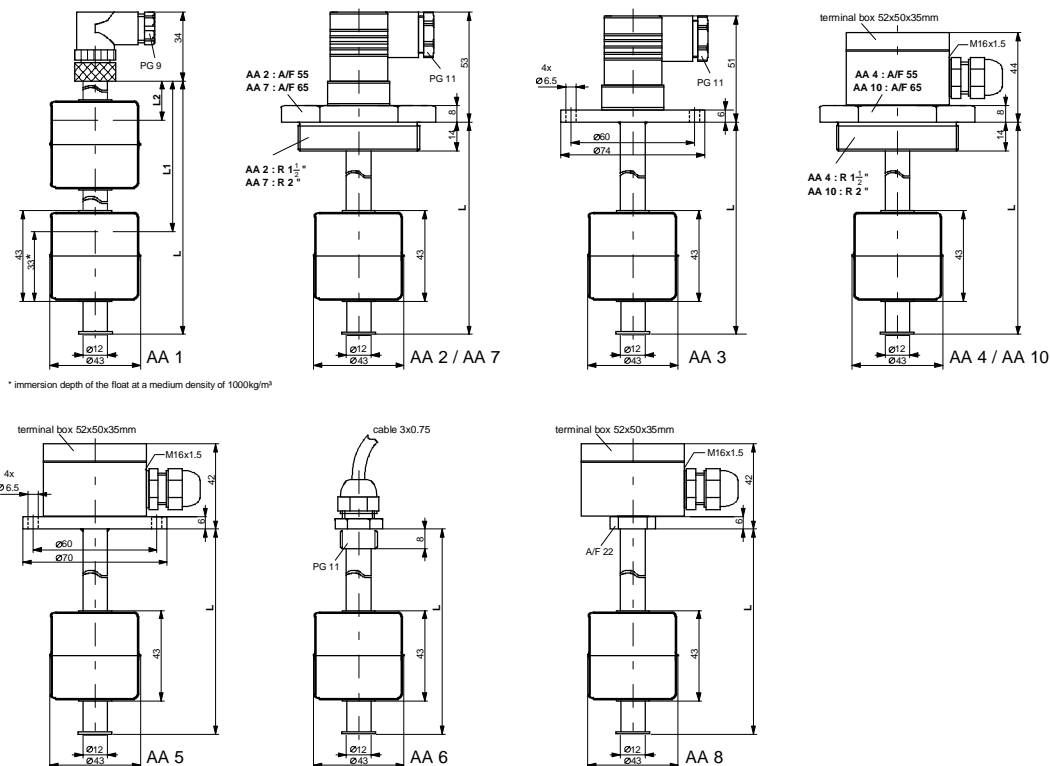
"3/" = change-over contact

Contact 1: "1/300" = break contact for rising levels at L1 = "300" mm

Contact 2: "2/100" = make contact for rising levels at L2 = "100" mm

Total length L = "500" mm

Outline Drawings



* immersion depth of the float at a medium density of 1000kg/m³

L1 and L2 (see AA1) apply to any connecting element

Subject to technical modifications.