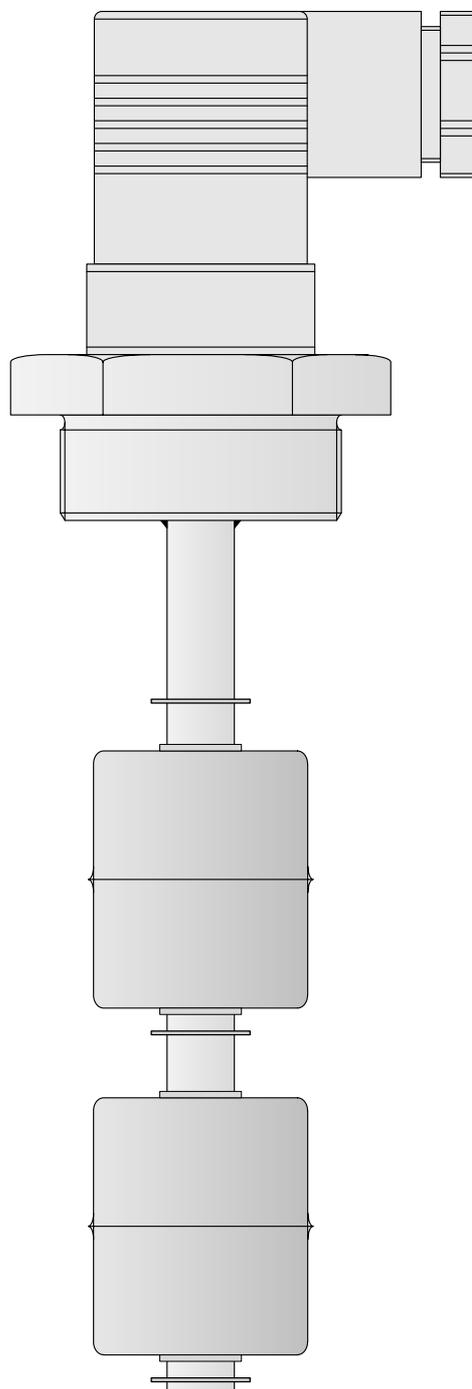


# Float Switch

miniature version



**SS 0**

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# SS 0 Miniature Float Switch

## Description

KROMA SS 0 miniature float switches with minimized dimensions are designed to monitor liquid levels of relatively small 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 21, AA 22 and AA 23) and sliding pipes from 100 mm to 500 mm 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/dm<sup>3</sup>.

## Special Features

- Only one moving part - the float
- Very small type of construction, completely made of stainless steel
- Rugged design of the connector plug
- Vibration- and shockproof
- Per switching contact one float
- Tested according to German railways' standard BN411002/EN50155 (approved for use on rail vehicles)

## Technical Data

Type of contact :	Break contact, make contact or change-over contact
Contact load:	230V AC; 110V DC; 0.5A; 20 W / VA
Number of floats:	1 or 2
Minimum distance of floats:	45 mm
Sliding pipe:	100 ≤ L ≤ 500 mm , Ø D = 9 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:	-25°C to +70°C
Storage temperature range:	-55°C to +70°C
Operating pressure:	≤ 6 bar
Density:	≥ 800 kg/m <sup>3</sup>
Vibratory strength:	5.9 m/s <sup>2</sup> (5 to 150 Hz)
Shock resistance:	50 m/s <sup>2</sup>

## Information required with order (typical order)

SS 0 . 21 0 - 1/200 2/100 - 300

KROMA "SS 0" miniature float switch

Connecting elements: "21" = AA21 (other AAs refer to overview)

Mounting position "0" from top (or "1" from bottom)

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

"2/" = make contact for rising levels

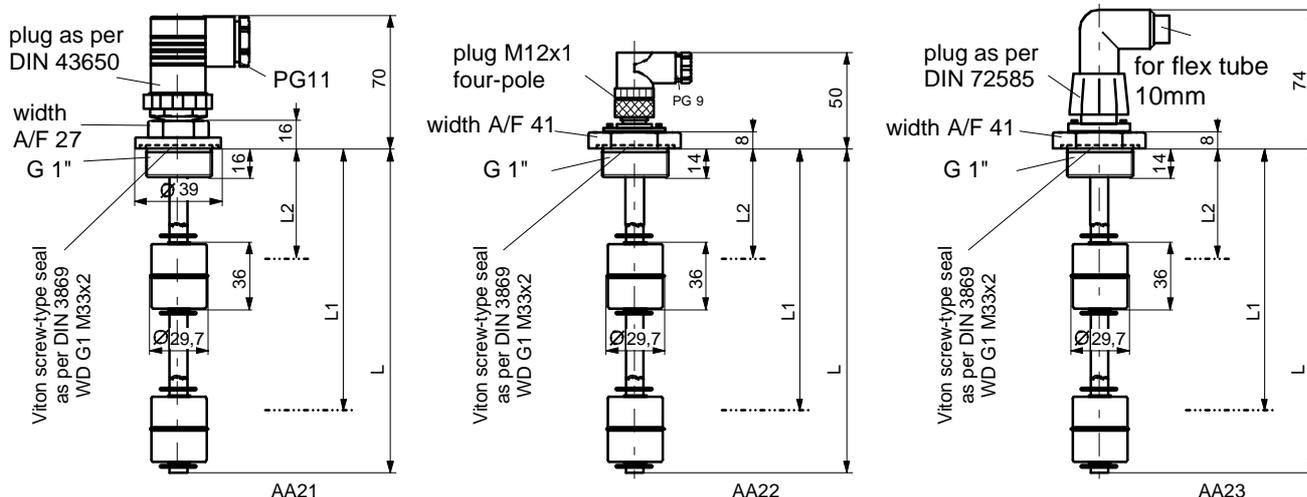
"3/" = change-over contact

Contact 1: "1/200" = break contact for rising levels at L1 = "200" mm

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

Total length L = "300" mm

## Outline Drawings



Subject to technical modifications.