

# Floating switch

## SSP 3/K/PVC

For applications up to max. AC 250 V

Application in liquids with a specific density  $\geq 0.82 \text{ g/cm}^3$



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<b>Switching voltage AC min.</b>	24 V
<b>Switching voltage AC max.</b>	250 V
<b>Switching voltage DC min.</b>	24 V
<b>Switching voltage DC max.</b>	250 V
<b>Switching current AC min.</b>	20 mA
<b>Switching current AC max.</b>	3,000 mA
<b>Switching current AC max. (inductive loads)</b>	1,000 mA
<b>Switching current DC min.</b>	20 mA
<b>Switching current DC max.</b>	100 mA
<b>Switching capacity AC max.</b>	350 VA
<b>Contact</b>	ball-operated microswitch, potential-free changeover contact
<b>Float material</b>	PP
<b>Seal material</b>	FPM
<b>Float protection class</b>	IP 68
<b>Float form</b>	cylindrical float
<b>Float diameter</b>	29 mm
<b>Float length</b>	133 mm
<b>Mounting orientation</b>	horizontal or vertical
<b>Mounting</b>	from the top or from the side
<b>Connecting cable</b>	black PVC cable, 3 x 0,75
<b>Application range of the connecting cable</b>	for water, used water, slightly aggressive liquids, oils without aromatic additives, fuel oil and diesel fuel
<b>Connecting cable length</b>	1 metre, other cable lengths on request. When ordering, please always state the desired cable length and cable type.
<b>Temperature application range</b>	8° C to + 60° C
<b>Max. immersion depth of the float</b>	max. 10 metres head of water at + 20° C

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Options:

Seal material: FPM; on request: EPDM

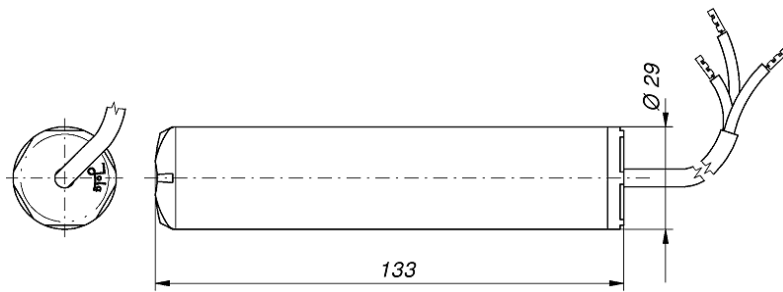
Optional extras:

stuffing glands and fixing weights made of brass, stainless steel 316 Ti or PP

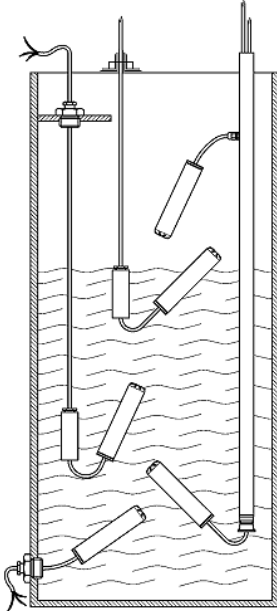
This floating switch is designed for mounting from the side or from the top.

To ensure a correct switching the cable must be fixed at the required height using a stuffing gland, for example, in the case of mounting from the side or using a fixing weight, for example, in case of mounting from the top.

This unit is not suitable for use in turbulent liquids (e.g. in stirrer tanks).



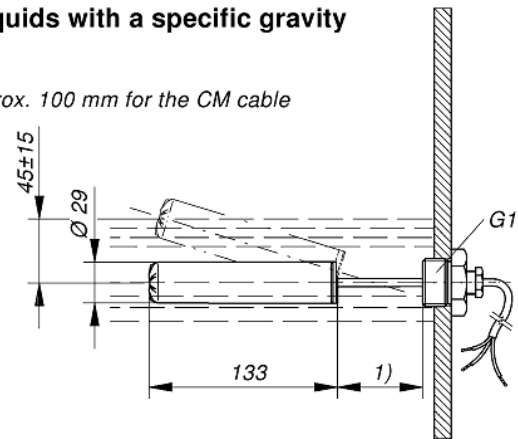
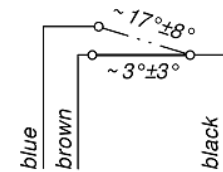
**Application examples**



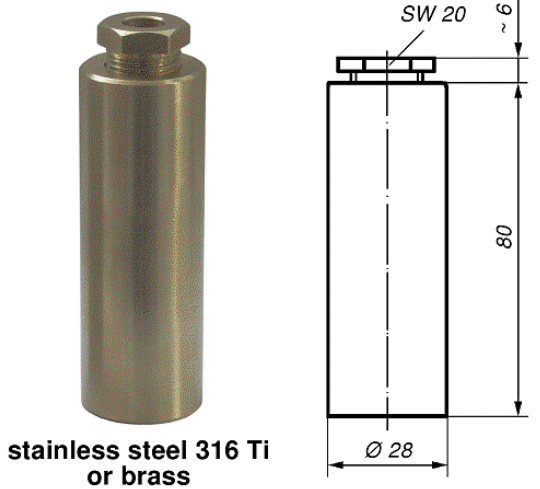
**Switching action in liquids with a specific gravity of 1 g/cm<sup>3</sup>**

1) approx. 60 mm, but approx. 100 mm for the CM cable

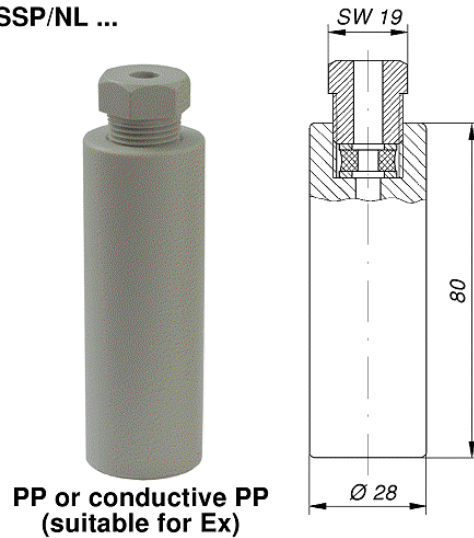
Contact switches over at



**Optional extras: fixing weight for SSP ... or SI/SSP/NL ...**



**stainless steel 316 Ti or brass**



**PP or conductive PP (suitable for Ex)**

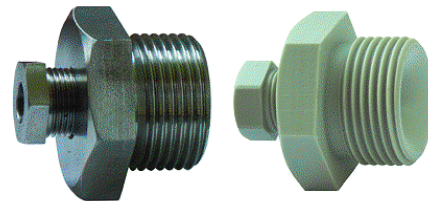
**Optional extras:**

Floating switch mounting only possible **from the inside**:

- stuffing gland G<sup>3/8</sup>, brass
- stuffing gland G<sup>1/2</sup>, brass
- stuffing gland G<sup>1/2</sup>, stainless steel 316 Ti
- stuffing gland G<sup>1/2</sup>, PP

Floating switch mounting possible **from the outside**:

- stuffing gland G1, brass
- stuffing gland G1, stainless steel 316 Ti
- stuffing gland G1, PP



**Stuffing gland G1, stainless steel**

**Stuffing gland G1, PP**

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