

## Level switches

### Product description

- Electrical level monitoring
- Suitable for mineral oils, diesel, petrol and water
- Electrical circuit for level min. / max.
- Standard version level max. = contact open
- Contact pipe: brass
- Float switch: nylon
- Max. temperature: 80°C
- Protection class: IP 65
- Hysteresis: 2 – 3 mm
- Max. voltage: 250 V AC
- Max. switch current: level 1 A
- Power AC/DC: level 80 W/VA
- ATEX version available on request.

### Version with 1 switch contact

- Optional with additional temperature monitoring:  
1 switch contact level / 1 switch contact temperature
- Electrical circuit  
for temperature < 70°C = contact closed
- Power AC/DC: temperature 10 W/VA

Order code		
Type	Length	Option
NS1-NO	200	TE70° NC

### Version with 2 switch contacts

- Electrical level monitoring with 2 float switches

Order code		
Type	Length	Distance
NS2-NO	300	105

### Version with variable switch contacts

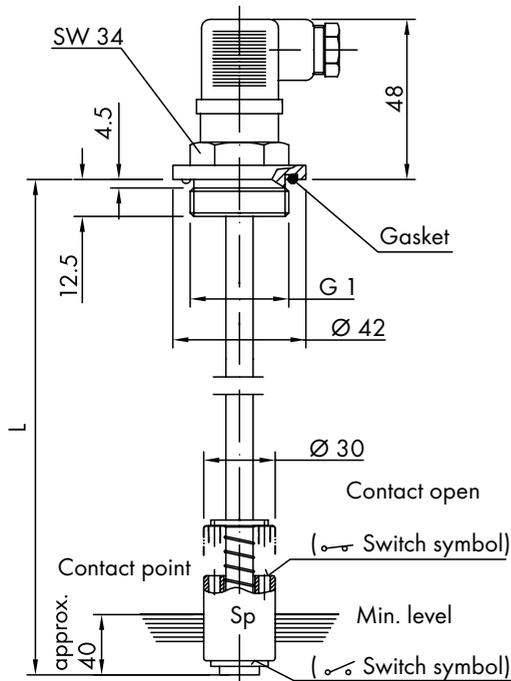
- Adjustable length by cutting the contact pipe to the required length
- Contact pipe: Inox AISI 304
- Float switch: NBR
- Contact type: Reed
- Power AC/DC: level 50 W/VA

Order code	
Type	Length
NS1	VR



## Dimensions

### Version 1 switch contact

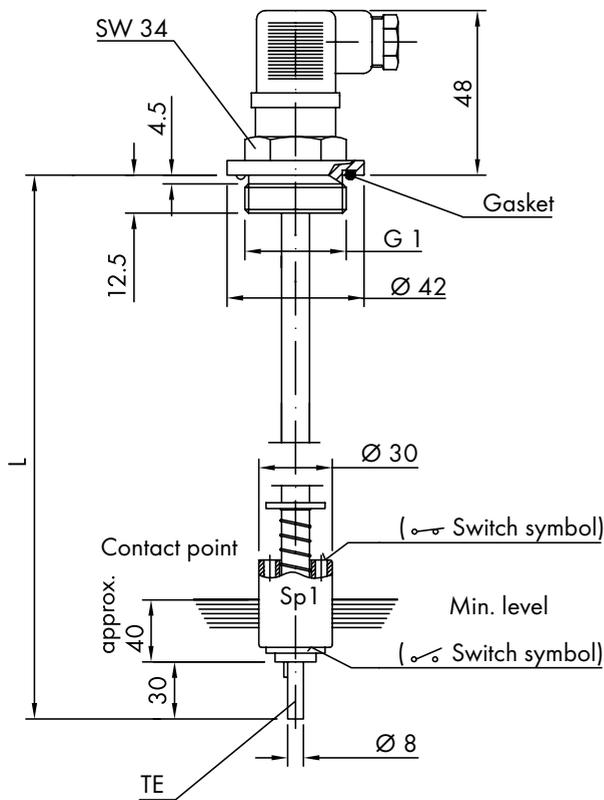


Art. No.	Type	Dimensions [mm]
		L
<b>1420</b>	NS 1-NO / 100	100
<b>1422</b>	NS 1-NO / 150	150
<b>1424</b>	NS 1-NO / 200	200
<b>1426</b>	NS 1-NO / 250	250
<b>1428</b>	NS 1-NO / 300	300
<b>1430</b>	NS 1-NO / 350	350
<b>1432</b>	NS 1-NO / 400	400
<b>1434</b>	NS 1-NO / 500	500
<b>1435</b>	NS 1-NO / 600	600
<b>1437</b>	NS 1-NO / 700	700

By turning the float switch the contact is changed to:

Max. level = contact closed

Min. level = contact open



Art. No.	Type	Dimensions [mm]
		L
<b>1502</b>	NS 1-NO / 150 TE 70° NC	150
<b>1504</b>	NS 1-NO / 200 TE 70° NC	200
<b>1505</b>	NS 1-NO / 240 TE 70° NC	240
<b>1506</b>	NS 1-NO / 250 TE 70° NC	250
<b>1508</b>	NS 1-NO / 300 TE 70° NC	300
<b>1510</b>	NS 1-NO / 350 TE 70° NC	350
<b>1512</b>	NS 1-NO / 400 TE 70° NC	400
<b>1513</b>	NS 1-NO / 450 TE 70° NC	450
<b>1514</b>	NS 1-NO / 500 TE 70° NC	500
<b>1540</b>	NS 1-NO / 600 TE 70° NC	600

By turning the float switch the contact is changed to:

Max. level = contact closed

Min. level = contact open

Contact open at max. level

Contact closed at min. level

> 70° Contact open

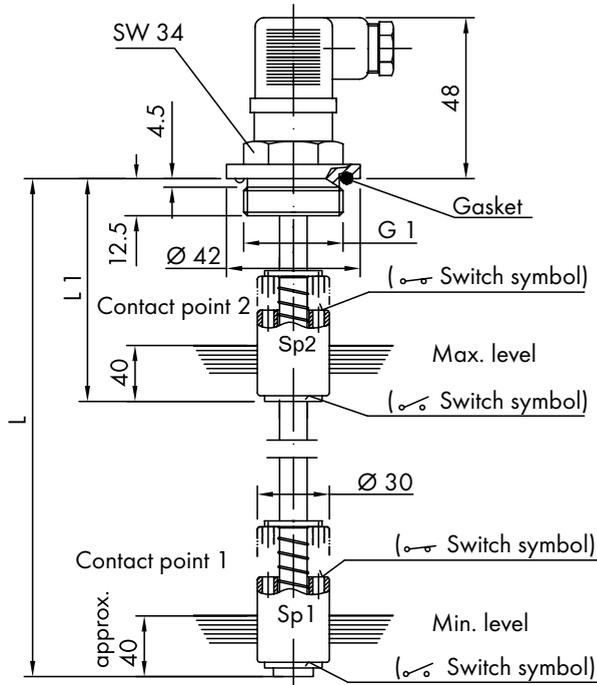
< 70° Contact closed

2 N  
1 T

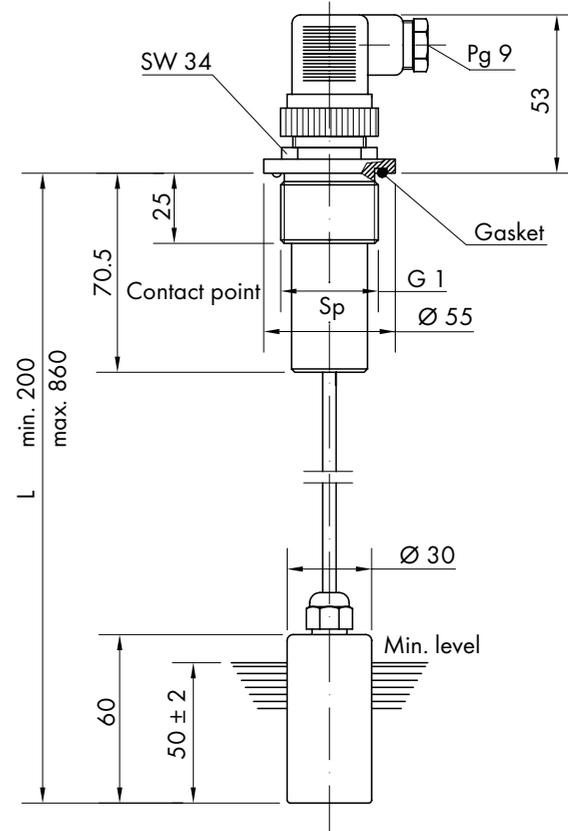
# Level switches

## Dimensions

### Version 2 switch contacts



### Version variable switch contact



Art. No.	Type	Dimensions [mm]	
		L	L1
1457	NS 2-NO/250/105	250	105
1459	NS 2-NO/300/105	300	105
1461	NS 2-NO/350/115	350	115
1463	NS 2-NO/400/115	400	115
1465	NS 2-NO/500/125	500	125

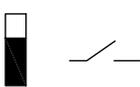
Art. No.	Type
1411	NS 1-VR (200-860 mm)

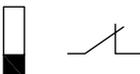


By turning the float switch the contact is changed to:

Max. level = contact closed 

Min. level = contact open 

Contact open at max. level 

Contact closed at min. level 

Flange fixing

