



## Technical Data

Operating pressure	max. 1 bar
Operating temperature	max. 80 °C
Density of fluid	min. 0,8 kg/dm <sup>3</sup>
Density of oil	max. 0.86 kg/dm <sup>3</sup>

### Material:

Float SK 610 for level control	hard PU
Float WW for water alarm	PPH
Switch tube	brass
Flange	PA 6
Weight	L=500 mm 750 g

<b>Level contacts / water alarm contacts</b>	<b>K10</b>	<b>W11</b>	<b>-</b>	<b>-</b>
Function	*NC / NO	change over	*NC / NO	change over
Distance of contact, min.	40 mm	40 mm	fixed	fixed
Max. voltage	230 V	48 V	230 V	230 V
Max. current	0,5 A	0,5 A	1 A	1 A
Contact load	10 VA	20 VA	50 VA	40 VA

\*NC=normally closed / NO=normally open, all figures at empty reservoir

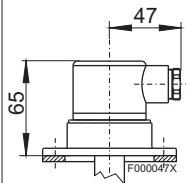
### Connectors

(Other connectors upon request)

Protection class  
Cable gland

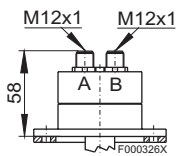
**S6**  
6 pol. + PE  
DIN 43651

IP 65  
M20x1,5



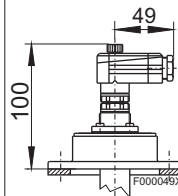
**2xM12 (socket)**  
4 pol / 4 pol.

IP 67\*\*  
PG7\*\*  
\*\*with plug fixed



**C6F**  
6 pol. + PE  
DIN 46651

IP 65  
PG11



Max. no of contacts

or  
or  
or

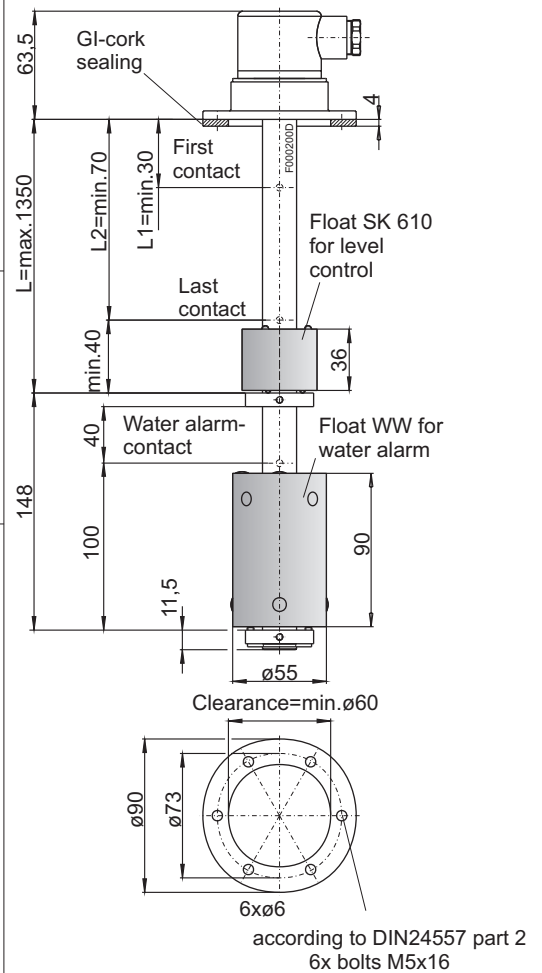
Max. voltage

4xK10 + 1xK6  
2xW11 + 1xK6  
3xK10 + 1xW7  
1xW11 + 1xW7  
230 V AC/DC  
48 V with change over contacts

2xK10 + 1xK6  
1xW11 + 1xK6  
2xK10 + 1xW7  
1xW11 + 1xW7  
24 V DC

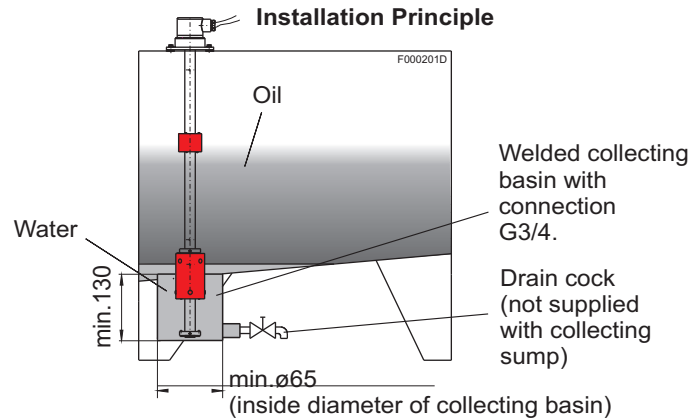
4xK10 + 1xK6  
2xW11 + 1xK6  
3xK10 + 1xW7  
1xW11 + 1xW7  
230 V AC/DC  
48 V with change over contacts

## Dimensions (mm)



### Installation example

A small collecting basin is welded to the floor of the reservoir at the deepest appropriate point (see also installation principle). We recommend to use the prefab sump but you are free to provide a solution yourself. To make the unit effective the volume of the collecting basin should be as small as possible. Therefore please use the recommended dimensions.



### Ordering information

**Basic version** (without level- and water alarm contacts)

Part-no.	Description	Connector	Length
10 30 099	Nivotemp 61-0-WW-S6-level contacts-water alarm contacts	S6	L (max. 1350 mm)
10 30 799	Nivotemp 61-0-WW-2xM12-level contacts-water alarm contacts	2xM12	L (max. 1350 mm)
10 30 899	Nivotemp 61-0-WW-C6F-level contacts-water alarm contacts	C6F	L (max. 1350 mm)

Part-no.	Description	Number of contacts	Type	Length
18 89 999	Level contact K10	see table connectors	NC / NO	L1 (, L2, L3, L4)
18 90 999	Level contact W11	see table connectors	change over	L1 (, L2, L3, L4)
18 50 999	Water alarm contact K6	1	NC / NO	fixed
18 49 999	Water alarm contact W7	1	change over	fixed

### Accessories:

10 30 0991 collecting sump (with connection G3/4, include plug), dimensions: ø70/2,6 x height=133mm

### Example:

You need:

Nivotemp (Basic): Connector: type S6; length L= 580 mm,

Level contacts: 1<sup>st</sup> contact 100 mm NC,  
2<sup>nd</sup> contact 500 mm NO,

Water alarm contact: 1, normally closed (NC)

You order:

10 30 099 Nivotemp 61-0-WW-S6-2xK10-1xK6, L= 580

18 89 999 2 x level contacts K10,  
L1=100 NC, L2 = 500 NO

18 50 999 1 x water alarm contact K6, NC