

# Type code for float switches

The type number of a float switch consists of exactly specified digits which contain certain information relating to their respective position. For example, the first figure indicates which diameter of the slide tube is needed. The second figure indicates which material is used. The third figure determines the design, i.e. whether an executing cable, a connector, flange, box, or screw connection is used. Furthermore, it can be identified if it is a straight or offset version.

The figures between the periods give information about the number and type of the switching points. If there is, for example, a zero after the first period (from left to right), this means "no switching point". In general, there are always three figures between the periods, two figures after the second period are zeros. This changes only if a switch type differs in nature and construction from the type code.

## The single digits have the following meaning:

1st figure "3" = slide tube Ø 8 mm  
1st figure "2" = slide tube Ø 12 mm

### If the first figure is "2", then the following applies to the 2nd figure:

2nd figure "3" = material PTFE  
2nd figure "4" = material PVC-C  
2nd figure "5" = material PVC  
2nd figure "6" = material VA  
2nd figure "7" = material PP  
2nd figure "8" = material PVDF  
2nd figure "9" = material MS

### If the first figure is "3", then the following applies to the 2nd figure:

2nd figure "2" = material PA  
2nd figure "5" = material PVC  
2nd figure "6" = material VA  
2nd figure "7" = material PP  
2nd figure "8" = material PVDF  
2nd figure "9" = material MS

### If the first figure is "2", then the following applies to the 3rd figure:

3rd figure "0" = screw connection G 1/2" adjustable  
3rd figure "1" = screw connection G 3/8"  
3rd figure "2" = switch offset screw connection G 1/2" (G 3/8")  
3rd figure "3" = screw connection G 1 1/2" adjustable  
3rd figure "4" = screw connection G 1 1/2" adjustable with connecting box  
3rd figure "5" = switch offset screw connection G 1 1/2" adjustable with connecting box  
3rd figure "6" = screw connection G 1 1/2" with plug  
3rd figure "7" = connecting flange oval of PP with plug  
3rd figure "8" = connecting flange round with plug or connecting box  
3rd figure "9" = screw connection G 3/8" PP float (for high pressure)

### If the first figure is "3", then the following applies to the 3rd figure:

3rd figure "0" = screw connection PG 9 adjustable  
3rd figure "1" = screw connection G 1/8"  
3rd figure "2" = switch offset screw connection PG 9 adjustable  
3rd figure "3" = screw connection G 1"  
3rd figure "4" = screw connection G 1" adjustable with connecting box  
3rd figure "5" = switch offset screw connection G 1" adjustable with connecting box  
3rd figure "6" = screw connection G 1" with plug  
3rd figure "7" = connecting flange oval of PP with plug  
3rd figure "8" = connecting flange round with plug or connecting box

### For the 2 figures after the 2nd period, the following applies:

These figures are zeros for standard models. If a special type is desired, corresponding digits or numbers are selected for these two figures (factory-set) in order to be able to identify the float switch at any time.

### For the figures between the periods, the following applies:

0 = no switching point  
1 = 1 switching point normally open contact with rising level  
2 = 1 switching point normally closed contact with rising level  
3 = 1 switching point change-over with rising level

Please note that the lowest switching point is indicated by the number directly before the second period. Possible further switching points are indicated from the left to the right in ascending order. Thereby, the corresponding "0" is replaced by another digit (1, 2, or 3). Please refer to the information on the corresponding page of the catalogue to find out about the possible number of switching points.

### Ordering example:

Float switch with a switching point as make contact and a slide tube with a Ø of 8 mm  
Design: special steel

3 6 1 . 0 0 1 . 0 0