

# FS13

## Miniature Vertically-Mounted Magnetic Float Level Sensor

- compact design
- only one mechanically moveable component
- installation at top
- plastic or stainless steel models



### Description:

The level switches model FS13 work according to the magnetic float principle. The float is lifted upwards by the rising liquid level in the tank until the magnetic field of the integrated permanent magnet activates a Reed contact. This contact works as N/C switch Reedkontakt.

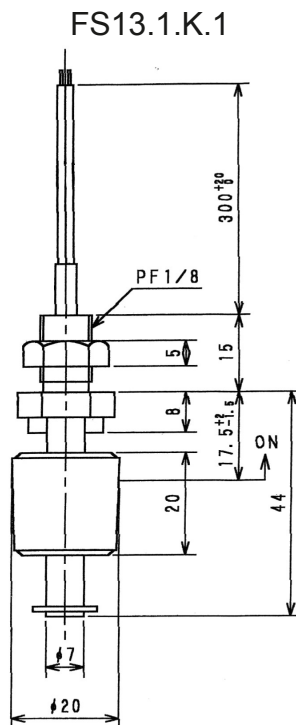
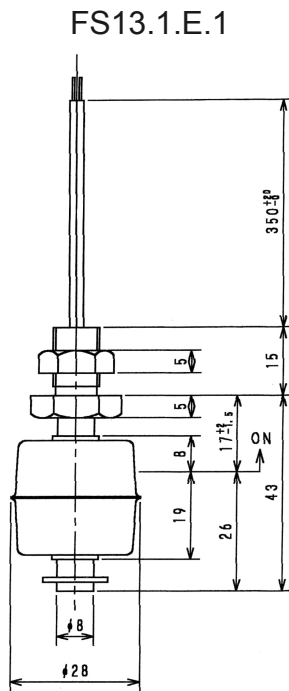
### Applications

The float level switches FS13 are designed to monitor the level of nearly all liquids which do not affect the used materials, for example as HIGH- or LOW-alarms or for controlling valves and pumps.

## Versions

- Low-cost level switch made from stainless steel or POM/PP/NBR/SUS304 (snape ring)
- Male thread G 1/8

## Dimensions



## Ordering Code

Order No.: FS13. 1. E. 1

Miniature Magnetic float level sensor

Connection:  
1 = G 1/8 male with lock nut

Material:  
E = stainless steel  
K = plastic  
POM/PP/NBR/  
1.4301 (snape ring)

Kontakt:  
1= N/C contact

## Technical Specifications

Connection cable: 0.3 m of PE wire

connection thread:  
FS13.1.E/K: G 1/8 male with lock nut

Materials:  
FS13.1.E: stainless steel  
FS13.1.K: POM/PP/NBR/  
1.4301 (snape ring)

Contact function:  
N/C contact  
(300V,0,5A,50VA)

max. pressure:  
FS13.1.E: 10 bar at room temperature  
FS13.1.K: atmospheric

max temperature:  
FS13.1.E: 120 °C  
FS13.1.K: 80 °C

Min. density of medium:  
FS13.1.E: 710 kg/m<sup>3</sup>  
FS13.1.K: 740 kg/m<sup>3</sup>