

# MODEL NO. FSNO-01



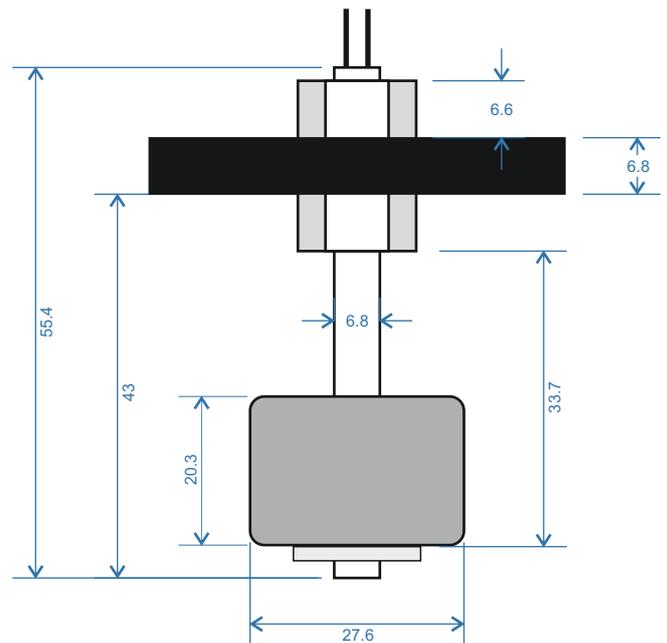
## FSNO-01

Magnetic Float Sensor Switch  
Normally Open Type

### Technical Specifications:

Contact material:	Ru
Maximum switching power:	10W
Maximum switching voltage:	100V
Maximum switching current:	0.5A
Maximum carrying current:	1.0A
Pull in, AT	10-35
Drop out, AT min.:	5
Contact resistance max.	0.1 Ohm
Breakdown voltage:	250 max
Insulation resistance min.:	10 <sup>10</sup> ohm
Operate time max.:	1.0ms
Release time max:	0.4ms
Capacitance max:	0.7pF
Resonant frequency min.:	4000Hz
Operate temperature range:	-60 ~ +155 C
High humidity max.:	98%
Operation frequency max.	100 Hz

### Dimensions in mm



### Shock

Reed switches are immune to mechanical shocks with peak shock acceleration of 150 g and impulse duration of 1ms.

### Vibration

Reed switches are immune to sinusoidal vibration at 1-2000 Hz and acceleration amplitude of 20 g.

### Test modes:

- 5V-10mA-1x10<sup>8</sup> operations min. at operation frequency of 100 Hz with failure rate 3.3x10<sup>-10</sup> oper<sup>-1</sup>. min., confidence level of 60%.
- 24V-400mA-5x10<sup>5</sup> operations min. at operation frequency of 50 Hz with failure rate 6.7x10<sup>-8</sup> oper<sup>-1</sup>. min., confidence level of 60%.

These data are valid for a coil energized at 1.5 times stated max. operate value.