

MODEL NO. FSNC-01



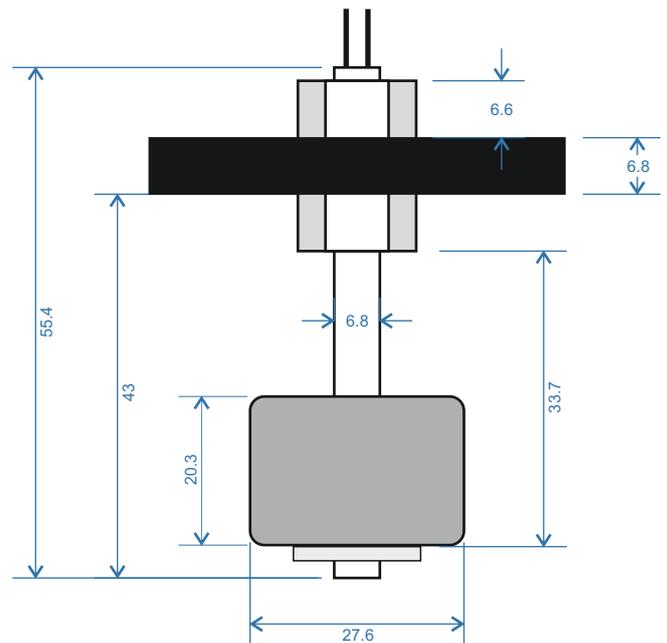
FSNC-01

Magnetic Float Sensor Switch
Normally Close 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 ¹⁰ 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-1x10⁸ operations min. at operation frequency of 100 Hz with failure rate 3.3x10⁻¹⁰ oper⁻¹. min., confidence level of 60%.
- 24V-400mA-5x10⁵ operations min. at operation frequency of 50 Hz with failure rate 6.7x10⁻⁸ oper⁻¹. min., confidence level of 60%.

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