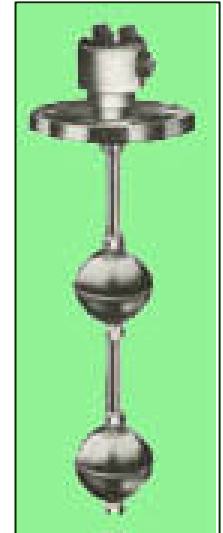


# FLOAT SWITCH

**DK'S MAGNET OPERATED FLOAT SWITCH** is equipped with glass encapsulated Reed Switch. Float embedded with Magnet moves up & down around the guide tube according to the level. Reed switches are actuated by the Magnetic Field of an annular Magnet

## SPECIAL FEATURES:

- Only moving part - float
- Large gap between guide tube and float hence reliable and insensitive to the floating particles in the liquid
- Float switches available with single or multilevel switching
- Hermitically Sealed Switch
- Minimum maintenance, minimum down time, minimum inventory
- Glandless - no seal, no spring & no diaphragm
- Shock and vibration effect minimum
- Highly reliable and dependable
- Sparkless operation with solid state contact protector system



## SPECIFICATION :

<b>Model</b>	<b>: 1000</b>
Working Principle	: Attraction
Material of Construction for Float Body, Guide Tube & other Wetted Parts	: AISI 304 S.S / AISI 316 S.S / PVC/ Polypropylene etc.
Switch Cover	: Cast Al. / PP, weatherproof IP – 55 / 65 / 66 / 67, anticorrosive painted
Process Connection	: Screwed 1" to 2½" BSPT / NPT Flanged 1½" to 6" as per ANSI / BS / DIN / IS Standards
Signalisation	: Hermitically sealed glass encapsulated Reed Switch
Contact Form	: NO/NC, 1NO+1NO & 2NO + 2NC
Contact Rating	: 1A, 230 V A/C, 24 V DC. higher current rating is available with solid state contact protector system
Electrical Connection	: ¾ " ET, 1" ET, ½ " NPT, ¾ " NPT, 1" NPT
Max. Working Pressure	: 40 kg/ cm <sup>2</sup>
Max. Working Temperature	: 200° C
ON - OFF Differential	: 6 ± 2 mm (fixed) / 20 ± 5 mm (fixed)
Repeatability	: ± 1 mm

## OPTIONAL:

Model No.-1000 EX - Explosion Proof duly approved by CMRS Dhanbad for Hazardous area IIA, IIB and IIC  
As Per IS : 2148 : 1981



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