

## Level Sensors – Vertical Multi-Level Liquid Float Switch

### Introduction

Assembled locally, this Level Sensor is designed for use in liquid level applications where a switch point is necessary for one or more levels. Consists of one or more floats on a stem with reed switches inside the stem at preset points. These float switches are customer configurable on ordering.

### Specifications

Stem and Float	316SS
Maximum Temperature	120°C
Stem Sizes	8mm & 12mm Diameter
Available with or without terminal box	
Switch Rating	SPST 0.2A 117 VAC/VDC

### Features

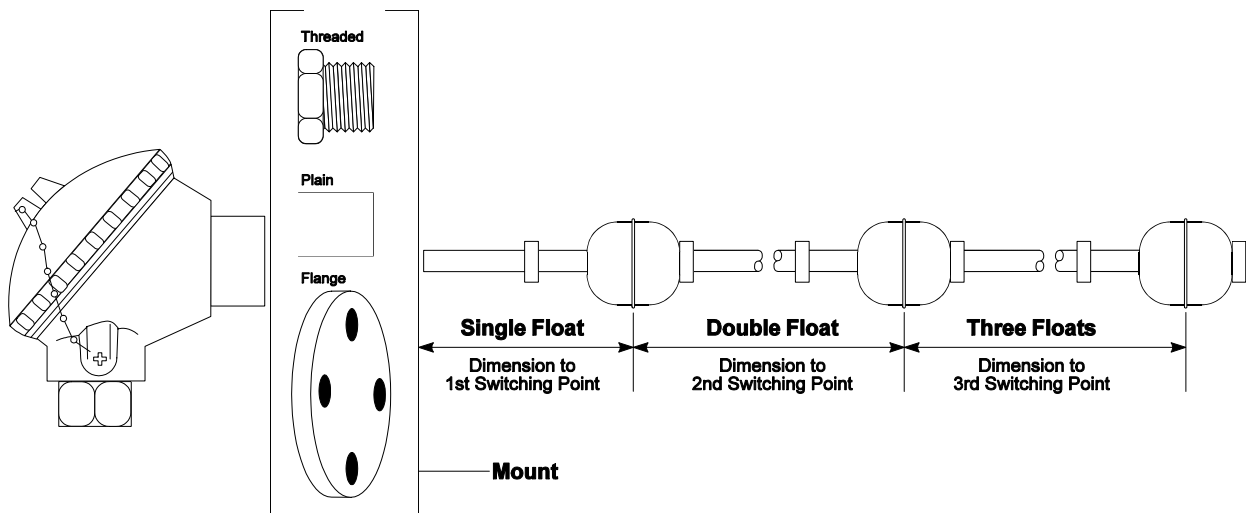
- Up to 3 actuation levels in one unit
- Up to 2m stem lengths
- Small and compact size

### Applications

- Fuel Tanks
- Liquid Storage Tanks
- Non-Inductive Liquid
- Used where electrical floatless switches are unable to be used due to high electrical resistance of the liquid.

### Warning

When used in an area deemed as HAZARDOUS, it is highly recommended that advice be sought regarding the correct selection of Zenner Barrier or Protective Electrical Mechanism. If in doubt, please contact your local Harzardous Area Inspector.



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Section 4



Temperature  
Pressure

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### Models Available

Due to the infinite variety of configurations and options available, a drawing is requested prior to quoting and manufacture. Please contact Homersham's customer services for a copy of blank drawings that can be filled in with dimensions and requirements.

### Relay Unit - Optional

#### Introduction

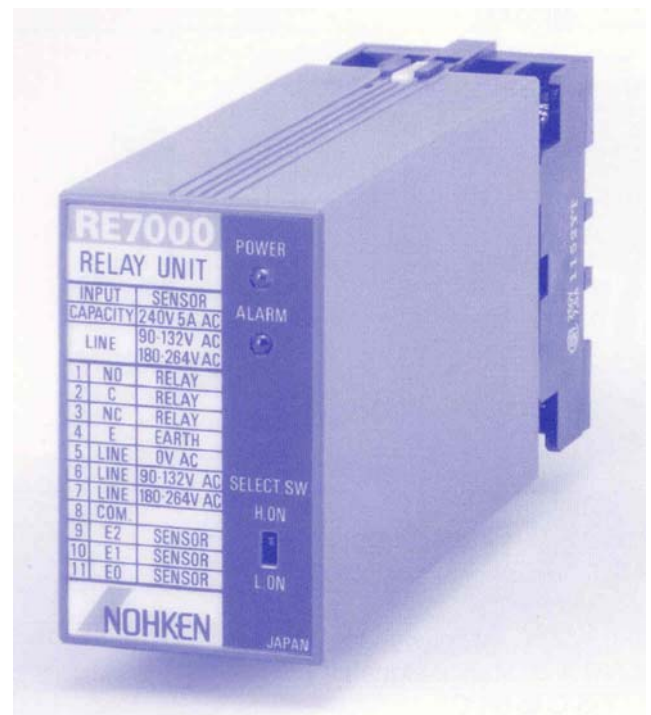
Model RE7000 is designed as an ancillary device for all Nohken level sensors. The latching action allows pumps, valves and other devices to be turned on at one level and off at another.

#### Specifications

Power Supply: 180 to 264 VAC, 50/50 Hz  
Power Consumption: 1.5VA  
Relay Contact: 1 SPDT, 5A 240V AC  
Sensing Signal: Less than 8V 5mA AC

#### Features

- Latching Control Circuit
- Plug in Mounting
- Low Voltage and Current required
- Isolated 5A relay contact



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