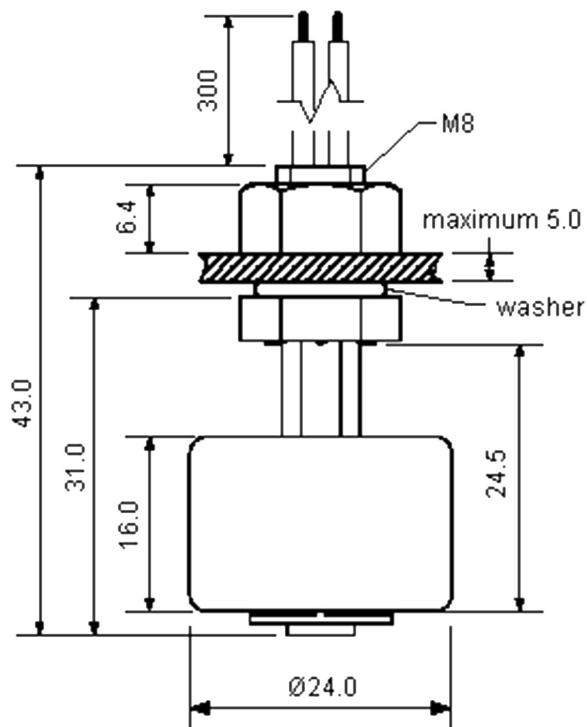




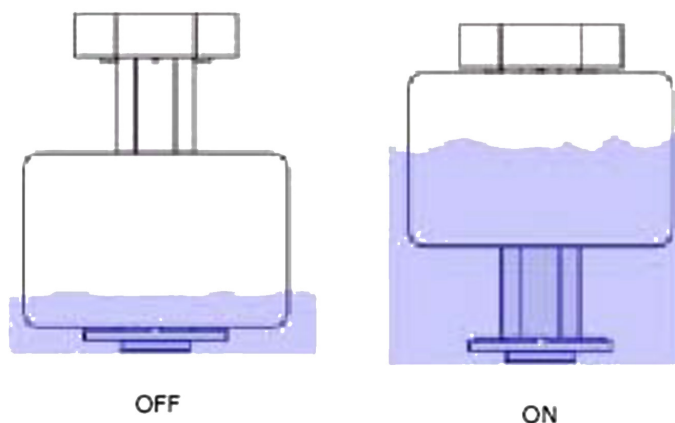
## Specifications:

|                          |                         |
|--------------------------|-------------------------|
| Output Current           | : 2A                    |
| Sensor Body Material     | : PP                    |
| AC Power                 | : 50VA                  |
| Contact Configuration    | : Form A                |
| Contact Material         | : Ruthenium             |
| Contact Voltage AC Max   | : 250V                  |
| DC Power                 | : 50W                   |
| Differential Travel Max  | : 8.5mm                 |
| External Length / Height | : 43mm                  |
| Float Diameter           | : 24mm                  |
| Lead Length              | : 300mm                 |
| Series                   | : Magnetic Level Sensor |
| Switch Operation         | : NO                    |
| Switching Current        | : 1.5A                  |
| Switching Voltage DC Max | : 200V                  |
| Terminal Type            | : Flying Lead           |
| Thread Size              | : M8                    |



Dimensions : Millimetres

## Operating diagram



## Electrical Characteristics at 25°C

|                           |         |
|---------------------------|---------|
| Contact form              | A       |
| Contact material          | Ru      |
| Maximum contact rating    | 50 W/VA |
| Maximum switching current | 1.5A    |
| Maximum carry current     | 2A      |
| Maximum switching voltage | 200V DC |
|                           | 250V AC |
| Minimum breakdown voltage | 400V DC |

## Temperature Range

|                       |                |
|-----------------------|----------------|
| Operating temperature | -20°C to +80°C |
| Storage temperature   | -30°C to +80°C |

| Material           | Use in                              |
|--------------------|-------------------------------------|
| Polypropylene (PP) | Water, dilute acids                 |
| Polyamide (PA)     | Oil, gasoline (petrol), brake fluid |

## Part Number Table

| Description                    | Part Number   |
|--------------------------------|---------------|
| Sensor, Float Switch, Vertical | MCPLS-031-A-6 |

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