RSF100 Series
External Mount Miniature Vertical Switch

- **External mount via compression seal**
- **Compact design with small diameter float**
- **Available in Nylon, Polypropylene, PPS and PVDF**
- **WRAS approved versions available**

### Mechanical Dimensions

**Nylon nut**

**Nylon washer**

**Compression seal for external mount**

- **23mm (0.9") dia. hole in tank**
- **3mm (0.12") max tank wall**

**M16x2 Thread**

**M2x1 Thread**

**Pins 1 & 2 switch connection**

### Technical Specification

<table>
<thead>
<tr>
<th>Material</th>
<th>RSF103</th>
<th>RSF104</th>
<th>RSF108</th>
<th>RSF106</th>
<th>RSF107</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>White</td>
<td>Grey</td>
<td>Grey</td>
<td>Green</td>
<td>Green</td>
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<tr>
<td>Temp. Range °C</td>
<td>-20/+120</td>
<td>-20/+120</td>
<td>-20/+120</td>
<td>-10/+120</td>
<td>-10/+120</td>
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<tr>
<td>Min. Fluid SG</td>
<td>TBC</td>
<td>TBC</td>
<td>TBC</td>
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Electrical Specification

<table>
<thead>
<tr>
<th></th>
<th>25W (Y code)</th>
<th>100W (H code)</th>
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<tbody>
<tr>
<td>Contact Form</td>
<td>N/O (N/C)</td>
<td>N/O (N/C)</td>
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<tr>
<td>Switching Power Max VA</td>
<td>25</td>
<td>100</td>
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<tr>
<td>Switching Voltage AC Max V</td>
<td>240</td>
<td>300</td>
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<tr>
<td>Switching Voltage DC Max V</td>
<td>120</td>
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<tr>
<td>Switching Current Max A</td>
<td>0.6</td>
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</table>

All ratings are for resistive load only.

- **Material**
  - Nylon
  - Polypropylene
  - Polypropylene
  - Polyphenylene Sulphide
  - PVDF
  - Polypropylene

- **Max Power**
  - 25VA
  - 100VA

- **Leadouts**
  - 2 core 7/0.2

- **Gasket**
  - Nitrile
  - Viton

- **Material**
  - Nylon
  - Polypropylene
  - Polyphenylene Sulphide

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  - 25VA
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- **Material**
  - PVDF

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  - 25VA
  - 100VA

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  - PTFE

### Standard Parts

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<tr>
<th>RSF103Y100N</th>
<th>Nylon</th>
<th>25VA</th>
<th>100cm PVC 2 core 7/0.2</th>
<th>Nitrile</th>
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<tr>
<td>RSF103H100N</td>
<td>Nylon</td>
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- **Material**
  - PVDF

- **Max Power**
  - 25VA
  - 100VA

- **Leadouts**
  - 2 core 7/0.2

- **Gasket**
  - PTFE

### Notes

- *Maximum temperature requires cable to be specified.
- *UL approval pending
- WRAS approved versions available
- *UL approval pending

A compact vertically mounted design with a single switch point.

Mounting is in the top or bottom of a tank via a compression seal, so does not require access to the inside of the tank for fitting.

Standard versions are 25VA and high power versions are available with 100VA switching capacity.

The switch action may be reversed by removing the float, inverting it, then refitting to the stem.

Available in flying lead of M12 connector versions.

Cables are available for use with M12 connection versions.

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ISO9001 CERTIFIED
RSF100 Series

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