

RSF10 Series

High level switch for boiling water



- **Pivot out of liquid**
- **High level switch position**
- **Many WRAS (approved for use in hot & cold water) and NSF approved variants**
- **Many variants are UL recognised components File No. E171218**
- **Flying lead or M12 connector**

| Technical Specification | RSF14 | RSF18 | RSF16 |
|-------------------------|--------------------------------|------------------------------|---------------------------------|
| Material | Polypropylene WRAS approved | Polypropylene UL approved | Polyphenylene Sulphide (PPS) |
| Colour | Opaque | White | Grey |
| Temp. Range °C | -20 / +100 | -20 / +100 | -10 / +120 * |
| °F | -4 / +212 | -4 / +212 | +14 / +248 * |
| Min. Fluid SG | 0.70 | 0.80 | 0.75 |
| Must close level (SG=1) | 39mm | 39mm | 33mm |
| Must open level (SG=1) | 24mm | 24mm | 22mm |

* Maximum temperature requires ETFE cable to be specified.

| Electrical Specification | | 25W (Y code) | 100W (H code) |
|--------------------------|----|--------------|---------------|
| Contact Form | | N/C (N/O) | N/C (N/O) |
| Switching Power Max | VA | 25 | 100 |
| Switching Voltage AC Max | V | 240 | 300 |
| Switching Voltage DC Max | V | 120 | 300 |
| Switching Current Max | A | 0.6 | 1 |

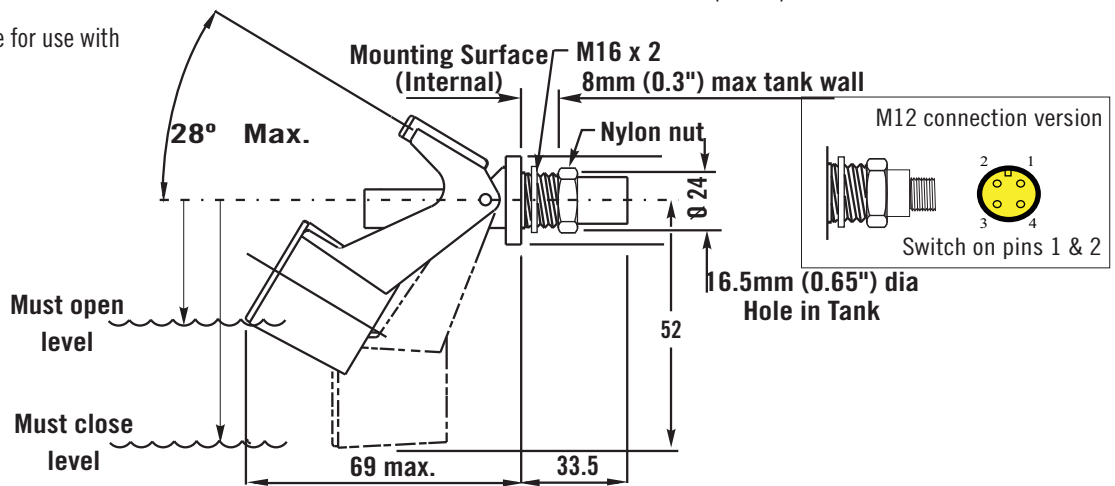
All ratings are for resistive load only.

| Standard Parts | Material | Approvals | Max Power | Leadouts | Gasket |
|----------------|----------|----------------|-----------|---------------------|---------|
| RSF14H100RF | PP | WRAS & NSF | 100VA | 1 metre PVC 16/0.2 | Nitrile |
| RSF14Y100RF | PP | WRAS & NSF | 25VA | 1 metre PVC 16/0.2 | Nitrile |
| RSF16H050TG | PPS | WRAS, UL & NSF | 100VA | 50cm ETFE 19/0.2 | Viton |
| RSF16H100RF | PPS | WRAS, UL & NSF | 100VA | 1 metre PVC 16/0.2 | Nitrile |
| RSF16Y050TG | PPS | WRAS, UL & NSF | 25VA | 50cm ETFE 19/0.2 | Viton |
| RSF16Y100TG | PPS | WRAS, UL & NSF | 25VA | 1 metre ETFE 19/0.2 | Viton |
| RSF16Y100RF | PPS | WRAS, UL & NSF | 25VA | 1 metre PVC 16/0.2 | Nitrile |
| RSF18H100RF | PP (UL) | UL | 100VA | 1 metre PVC 16/0.2 | Nitrile |
| RSF18Y100RF | PP (UL) | UL | 25VA | 1 metre PVC 16/0.2 | Nitrile |
| RSF14HFP | PP | WRAS & NSF | 100VA | M12 connector | Nitrile |
| RSF14YFP | PP | WRAS & NSF | 25VA | M12 connector | Nitrile |
| RSF16HFP | PPS | WRAS, UL & NSF | 100VA | M12 connector | Nitrile |
| RSF16YFP | PPS | WRAS, UL & NSF | 25VA | M12 connector | Nitrile |
| RSF18HFP | PP (UL) | UL | 100VA | M12 connector | Nitrile |
| RSF18YFP | PP (UL) | UL | 25VA | M12 connector | Nitrile |

Custom versions can be made for particular applications. Please contact Cynergy3 with your requirements.

Mechanical Dimensions

All dimensions are in millimetres (inches)



Cynergy3 Components Ltd.
7 Cobham Road
Ferndown Industrial Estate
Wimborne, Dorset BH21 7PE
Telephone +44 (0) 1202 897969
Email:sales@cynergy3.com

ISO9001 CERTIFIED

RSF10 2017



Made in the UK

(35.0 for M12 connection version)

www.cynergy3.com

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Sensata:

[RSF14Y100RF](#) [RSF16Y050TG](#) [RSF14H100RF](#) [RSF14HFP](#) [RSF18H100RF](#) [RSF18HFP](#) [RSF18Y100RF](#)
[RSF14YFP](#) [RSF16H050TG](#) [RSF16H100RF](#) [RSF16HFP](#) [RSF16Y100TG](#) [RSF16YFP](#)