# SSF23 Series

## *M16 internal fitting switch*

- ***Internal fitting via M16 thread***
- ***Stainless steel 316***
- ***Miniature design***
- ***Temperature up to 120ºC***
- ***User configurable N/O (make on rise) or N/C (make on fall)***

The SSF23 series is a compact vertical internally mounted device. Mounting is in the top or bottom of the tank from the inside, so requires access to the inside of the tank.

These are manufactured in 316 grade Stainless steel.

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

Available with either flying leads or M12 connection.

### Technical Specification

| | | | |
|---|---|---|---|
| Mounting style | Internal | Cable length - standard | 100cm/M12 connection |
| Mounting thread | M16 | Cable size | 17/0.10 - AWG22 |
| Float & Stem material | 316grade SS | Cable conductor material | Tinned copper |
| Maximum Temperature | 120ºC | Cable sheath material | XLPE |
| Maximum pressure | 10 bar | Cable temperature rating | 125ºC |
| Float SG | 0.7 | Sealing gasket | Silicone |
| Minimum fluid SG | 0.8 | Tightening torque for fixing nut | 2.0kg/cm |

### Electrical Specification

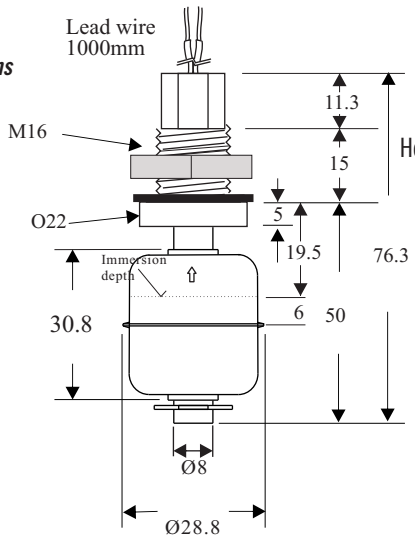
| | | |
|---|---|---|
| Contact Form | | N/O (N/C) |
| Switching Power Max | VA | 50 |
| Switching Voltage AC Max | V | 300 |
| Switching Voltage DC Max | V | 300 |
| Switching Current Max | A | 0.5 |

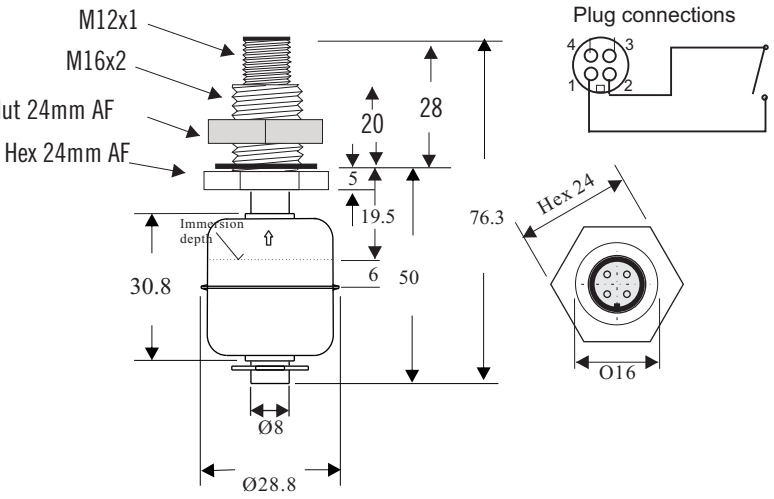
All ratings are for resistive load only.

| Standard Parts | Material | Max Power | Leadouts |
|---|---|---|---|
| SSF23X100 | SS 316 | 50VA | 100cm XLPE 17/0.1 |
| SSF23XPM12 | SS 316 | 50VA | M12 connection |

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

***Mechanical Dimensions***





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