



# SSH66XE Series

## Switch for 3/4"NPT External Fitting



- External Mount (3/4"NPT)
- Operating Temperature to 120°C
- Stainless Steel 316L Float
- Connection with DIN 43650 Plug or 100cm wires
- N/O or N/C switch action

### Technical Specification

|                       |                 |                                  |                 |
|-----------------------|-----------------|----------------------------------|-----------------|
| Mounting style        | External        | Cable length - standard          | 100cm/Plug      |
| Mounting thread       | 3/4"NPT         | Cable size                       | 17/0.10 - AWG22 |
| Float & Stem material | 316/304grade SS | Cable conductor material         | Tinned copper   |
| Maximum Temperature   | 120°C           | Cable sheath material            | XLPE            |
| Maximum pressure      | 10 bar          | Cable temperature rating         | 125°C           |
| Float SG              | 0.7             | Sealing gasket                   | Not supplied    |
| Minimum fluid SG      | 0.75            | 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.

SSH66XE are externally mounted horizontal float switches with 3/4"NPT thread.. The float is of 316L Stainless Steel and the stem is of 304 Stainless Steel.

These devices are easily mounted, using 3/4"NPT, without needing internal access to the tank/vessel into which they are being fitted.

These are available with either 1 metre flying leads or with a DIN43650 connector.

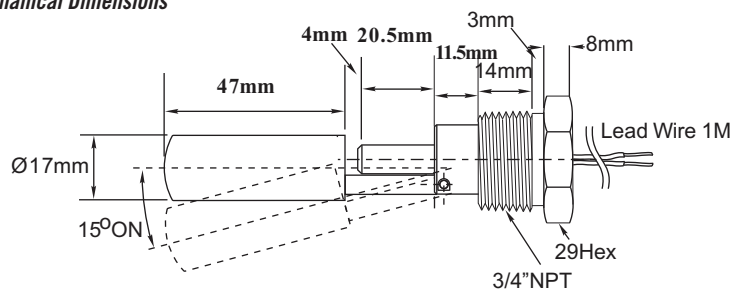
The switch action may be reversed by mounting the device with the float able to move upwards away from the body, instead of the more normal downwards direction.

### Standard Parts

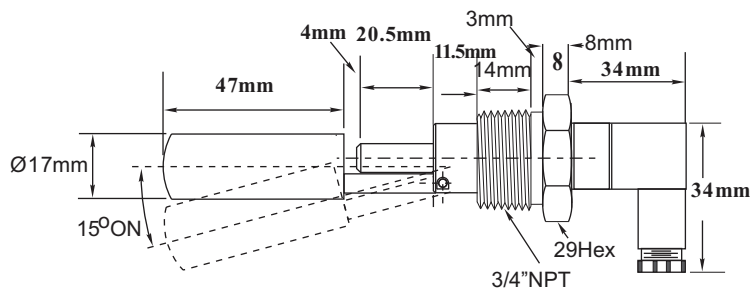
| Standard Parts | Stem Material | Float Material | Max Power | Leadouts          |
|----------------|---------------|----------------|-----------|-------------------|
| SSH66XE34N100  | 304SS         | 316SS          | 50VA      | 100cm XLPE 17/0.1 |
| SSH66XE34NP    | 304SS         | 316SS          | 50VA      | DIN connector     |

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

### Mechanical Dimensions



SSH66XE34N100



SSH66XE34NP

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