

## SSV66-SPM12

# SIDE MOUNT DUAL LEVEL VERTICAL SWITCH, INTERNAL MOUNT





### **Technical**

| Mounting Style                   | Internal            |  |
|----------------------------------|---------------------|--|
| Mounting Thread                  | M16                 |  |
| Float & Stem Material            | 316 grade SS        |  |
| Maximum Temperature              | 120°C               |  |
| Maximum Pressure                 | 20 bar              |  |
| Float SG                         | 0.7                 |  |
| Minimum Fluid SG                 | 0.75                |  |
| Connection                       | M12 circular 4 pole |  |
| Cable Size                       | N/A                 |  |
| Cable Conductor Material         | PTFE                |  |
| Cable Sheath Material            | N/A                 |  |
| Cable Temperature Rating         | 180°C               |  |
| Sealing Gasket                   | Nitrile             |  |
| Tightening Torque for Fixing Nut | 2.0kg/cm            |  |

The SSV66-SPM12 is a dual switch point side entry vertical float switch. This is mounted in a tank from the inside, so requires suitable access to the inside of the tank.

The upper switch has make on rise switch action, while the lower switch has a make on fall action, giving high/low indication. These single float types are generally used in systems with PLC control of processes.

The switches are terminated with industry standard M12 circular connectors for easy installation.

#### **Features**

- Side mount vertical switch
- Dual switch point for high/low indication
- Stainless Steel 316L
- Operating temperature to 120°C
- M12 circular connector for easy installation

### Electrical

| Contact Form             |    | Upper-make on rise | Lower-make on fall |
|--------------------------|----|--------------------|--------------------|
| Switching Power Max      | VA | 50                 |                    |
| Switching Voltage AC Max | V  | 300                |                    |
| Switching Voltage DC Max | V  | 300                |                    |
| Switching Current Max    | А  | 0.5                |                    |
| Pin Numbers              |    | Upper-3 & 4        | Lower- 1 & 2       |

All ratings are for resistive load only.

cynergy<sup>3</sup>

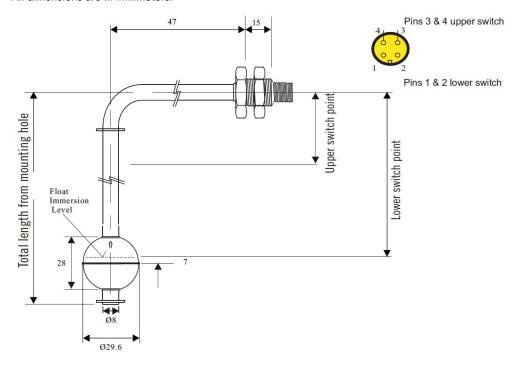


|                   | Action | Upper level | Lower Level | Total Length |
|-------------------|--------|-------------|-------------|--------------|
| SSV66A35B85SPM12  | no/nc  | 35          | 85          | 122          |
| SSV66A35B135SPM12 | no/nc  | 35          | 135         | 172          |
| SSV66A35B160SPM12 | no/nc  | 35          | 160         | 197          |
| SSV66A35B185SPM12 | no/nc  | 35          | 185         | 222          |
| SSV66A35B210SPM12 | no/nc  | 35          | 210         | 237          |
| SSV66A35B235SPM12 | no/nc  | 35          | 235         | 272          |

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



All dimensions are in millimeters.



Made in the UK

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