

## SSV66-SM16

### SIDE MOUNT DUAL LEVEL VERTICAL SWITCH, INTERNAL MOUNT



The SSV66-SM16 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.

#### Features

- Side mount vertical switch
- Dual switch point for high/low indication
- Stainless Steel 316L
- Operating temperature to 120°C
- M16 mounting thread

## SPECIFICATIONS

### Technical

<b>Mounting Style</b>	Internal
<b>Mounting Thread</b>	M16
<b>Float &amp; Stem Material</b>	316 grade SS
<b>Maximum Temperature</b>	120°C
<b>Maximum Pressure</b>	20 bar
<b>Float SG</b>	0.7
<b>Minimum Fluid SG</b>	0.75
<b>Cable Length - Standard</b>	1 metre
<b>Cable Size</b>	4 core 7/0.2
<b>Cable Conductor Material</b>	PTFE
<b>Cable Sheath Material</b>	Silicone
<b>Cable Temperature Rating</b>	180°C
<b>Sealing Gasket</b>	Nitrile
<b>Tightening Torque for Fixing Nut</b>	2.0kg/cm

### Electrical

<b>Contact Form</b>		Upper-make on rise	Lower-make on fall
<b>Switching Power Max</b>	VA	50	
<b>Switching Voltage AC Max</b>	V	300	
<b>Switching Voltage DC Max</b>	V	300	
<b>Switching Current Max</b>	A	0.5	
<b>Wire Colours</b>		Upper-Yellow/Red	Lower- Blue/Green

All ratings are for resistive load only.

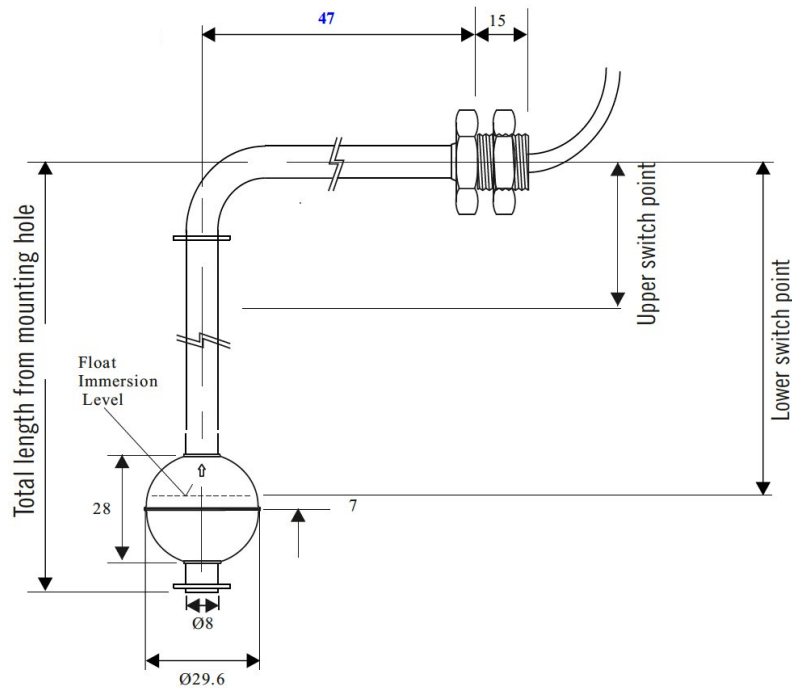
## STANDARD PARTS

	Action	Upper level	Lower Level	Total Length
<b>SSV66A35B85SM16</b>	no/nc	35	85	122
<b>SSV66A35B110SM16</b>	no/nc	35	110	147
<b>SSV66A35B135SM16</b>	no/nc	35	135	172
<b>SSV66A35B160SM16</b>	no/nc	35	160	197
<b>SSV66A35B185SM16</b>	no/nc	35	185	222
<b>SSV66A35B210SM16</b>	no/nc	35	210	237
<b>SSV66A35B235SM16</b>	no/nc	35	235	272

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

## DIMENSIONS

All dimensions are in millimeters.



Made in the UK

Page 2

Sensata Technologies, Inc. ("Sensata") data sheets are solely intended to assist designers ("Buyers") who are developing systems that incorporate Sensata products (also referred to herein as "components"). Buyer understands and agrees that Buyer remains responsible for using its independent analysis, evaluation and judgment in designing Buyer's systems and products. Sensata data sheets have been created using standard laboratory conditions and engineering practices. Sensata has not conducted any testing other than that specifically described in the published documentation for a particular data sheet. Sensata may make corrections, enhancements, improvements and other changes to its data sheets or components without notice.

Buyers are authorized to use Sensata data sheets with the Sensata component(s) identified in each particular data sheet. HOWEVER, NO OTHER LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE TO ANY OTHER SENSATA INTELLECTUAL PROPERTY RIGHT, AND NO LICENSE TO ANY THIRD PARTY TECHNOLOGY OR INTELLECTUAL PROPERTY RIGHT, IS GRANTED HEREIN. SENSATA DATA SHEETS ARE PROVIDED "AS IS". SENSATA MAKES NO WARRANTIES OR REPRESENTATIONS WITH REGARD TO THE DATA SHEETS OR USE OF THE DATA SHEETS, EXPRESS, IMPLIED OR STATUTORY, INCLUDING ACCURACY OR COMPLETENESS. SENSATA DISCLAIMS ANY WARRANTY OF TITLE AND ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, QUIET ENJOYMENT, QUIET POSSESSION, AND NON-INFRINGEMENT OF ANY THIRD PARTY INTELLECTUAL PROPERTY RIGHTS WITH REGARD TO SENSATA DATA SHEETS OR USE THEREOF.

All products are sold subject to Sensata's terms and conditions of sale supplied at [www.sensata.com](http://www.sensata.com) SENSATA ASSUMES NO LIABILITY FOR APPLICATIONS ASSISTANCE OR THE DESIGN OF BUYERS' PRODUCTS. BUYER ACKNOWLEDGES AND AGREES THAT IT IS SOLELY RESPONSIBLE FOR COMPLIANCE WITH ALL LEGAL, REGULATORY AND SAFETY-RELATED REQUIREMENTS CONCERNING ITS PRODUCTS, AND ANY USE OF SENSATA COMPONENTS IN ITS APPLICATIONS, NOTWITHSTANDING ANY APPLICATIONS-RELATED INFORMATION OR SUPPORT THAT MAY BE PROVIDED BY SENSATA.

Mailing Address: Sensata Technologies, Inc., 529 Pleasant Street, Attleboro, MA 02703, USA.

## CONTACT US

+44 (0)1202 897969  
 c3w\_sales@sensata.com  
 Cynergy3 Components Ltd.  
 7 Cobham Road,  
 Ferndown Industrial Estate,  
 Wimborne, Dorset,  
 BH21 7PE, United Kingdom