

## SSF67V SERIES

### CONTINUOUS OUTPUT LEVEL TRANSDUCER



This transducer will give an output of 4-20mA over a measuring span of up to 2500mm.

The standard output changes from 4mA at low level to 20mA at high level.

The transducer is top mounting, via a screwed entry, and is normally installed from outside the tank. The device has either a brass or stainless steel stem with either a foamed float or a stainless steel float.

Volt free switches and resistors are mounted in the stem, to provide a varying resistance, as the float rises or falls, which is converted within the device into a 4 to 20mA stepped output.

#### Features

- 4-20mA transducer for safe area use (optional flameproof certification)
- Maximum process temperature 100°C
- Standard 10mm stepped accuracy
- Standard G1" Screwed entry (G1" to G2.5" possible)



#### SPECIFICATIONS

##### Technical

|                                    |                                   |
|------------------------------------|-----------------------------------|
| <b>Mounting Style</b>              | External                          |
| <b>Mounting Thread</b>             | G1" (up to G2.5" possible)        |
| <b>Stem Material</b>               | Brass (optionally st/st)          |
| <b>Float Material</b>              | D300 closed cell PVC (opt. st/st) |
| <b>Enclosure Material</b>          | Aluminium (opt. st/st)            |
| <b>Connection</b>                  | terminal block                    |
| <b>Maximum Process Temperature</b> | 100°C                             |
| <b>Maximum Ambient Temperature</b> | 70°C                              |
| <b>Minimum Ambient Temperature</b> | -18°C                             |

##### Electrical

|  |                               |
|--|-------------------------------|
| <b>Output 4 to 20mA</b>                          | 4mA can be either High or Low |
| <b>Input Supply</b>                              | 15 to 30Vdc                   |
| Can be connected to analogue or digital displays |                               |



#### STANDARD PARTS

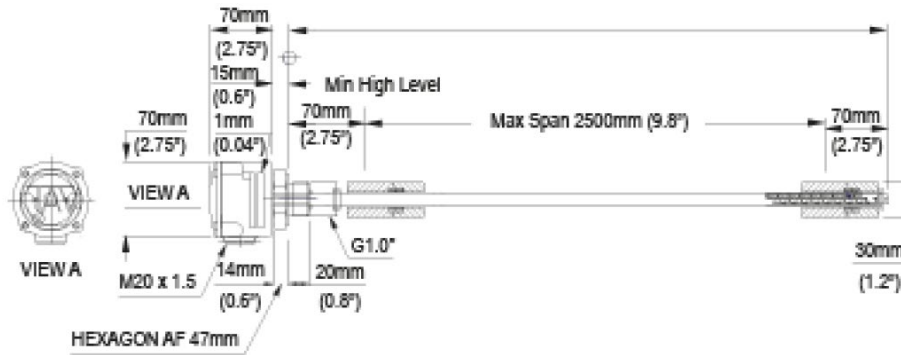
|                      | Upper Level | Measuring Span | Total Length |
|----------------------|-------------|----------------|--------------|
| <b>SSF67V70S500</b>  | 70mm        | 500mm          | 640mm        |
| <b>SSF67V70S1000</b> | 70mm        | 1000mm         | 1140mm       |
| <b>SSF67V70S1500</b> | 70mm        | 1500mm         | 1640mm       |

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

# Mouser Electronics

Authorized Distributor

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

Sensata:

[SSF67V70S1000](#) [SSF67V70S1500](#) [SSF67V70S500](#)