

RSF66P SERIES

DUAL SWITCH POINT SERIES WITH M12 CONNECTION



The RSF66 float switch series is designed to offer a number of switching options to meet a variety of system requirements.

These are manufactured in PPS (Polyphenylene Sulphide), which is compatible with a wide range of liquids.

The single float types are generally used in systems with PLC control of processes.

The dual float versions can be used for controlling the filling or emptying of tanks via electromechanical relays.

Features

- High & Low level switching
- PPS material
- Versions for Filling or Emptying Control
- M12 4 pin connection for quick connection to circuit
- WRAS and NSF Approved

TECHNICAL SPECIFICATIONS

(Common to both Single and Double Float versions)

Mechanical

Material	PPS
Colour	Grey
Temp. Range	°C -10/+85
	°F +14/+185
Minimum Liquid SG	0.85

Electrical

Switching Power VA Max	25
Switching Voltage AC Max	240
Switching Voltage DC Max	120
Switching Current Max A	0.6

All electrical ratings are for resistive loads only.

STANDARD PARTS

Single Float Versions	Upper Switch level	Lower Switch Level	Total Length
RSF66A25B75P	30mm	75mm	102mm
RSF66A25B100P	30mm	100mm	127mm
RSF66A25B125P	30mm	125mm	152mm
RSF66A25B150P	30mm	150mm	177mm
RSF66A25B175P	30mm	175mm	202mm

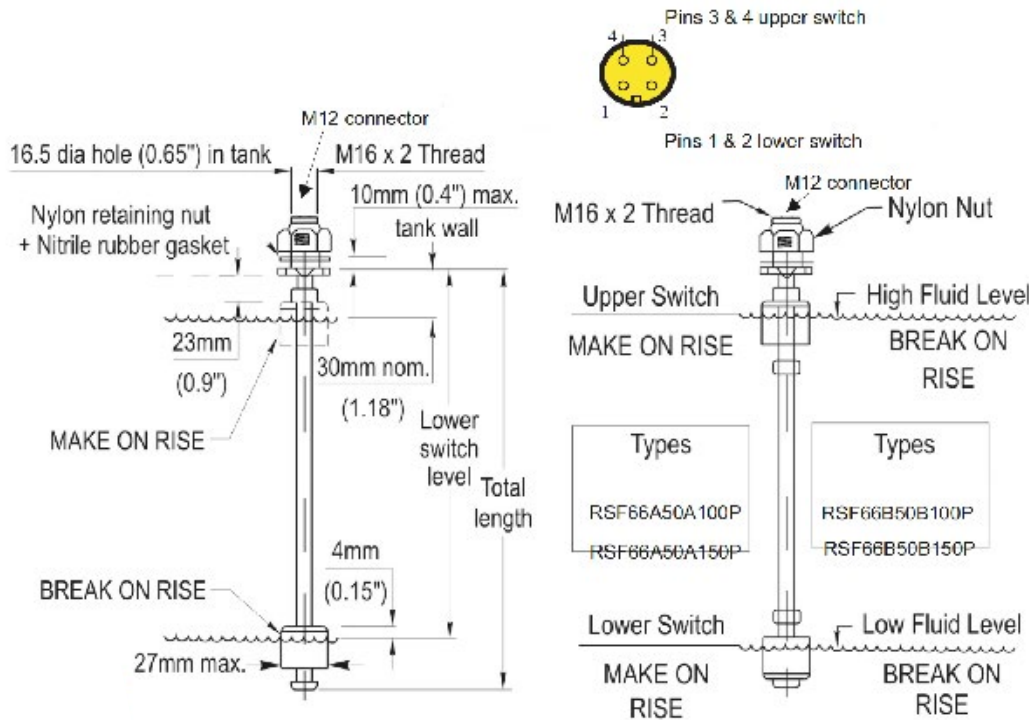
Dual Float Versions		Upper Switch Level	Lower Switch Level	Total Length
RSF66A50A100P	Emptying Control	50mm	100mm	134mm
RSF66A50A150P	Emptying Control	50mm	150mm	184mm
RSF66B50B100P	Filling Control	50mm	100mm	127mm
RSF66B50B150P	Filling Control	50mm	150mm	177mm

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

Datasheets provided by Sensata Technologies, Inc., its subsidiaries and/or affiliates ("Sensata") are solely intended to assist third parties ("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, valuation, and judgment in designing Buyer's systems and products. Sensata datasheets 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 datasheet. Sensata may make corrections, enhancements, improvements, and other changes to its datasheets or components without notice. Buyers are authorized to use Sensata datasheets with the Sensata component(s) identified in each particular datasheet. 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 DATASHEETS ARE PROVIDED "AS IS". SENSATA MAKES NO WARRANTIES OR REPRESENTATIONS WITH REGARD TO THE DATASHEETS OR USE OF THE DATASHEETS, 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 DATASHEETS OR USE THEREOF.

All products are sold subject to Sensata's terms and conditions of sale supplied at 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
support@sensata.com
Cynergy3 Components Ltd.
7 Cobham Road,
Ferndown Industrial Estate,
Wimborne, Dorset,
BH21 7PE, United Kingdom