

# 180°C Level Switches



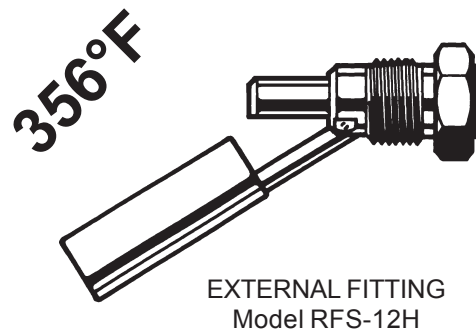
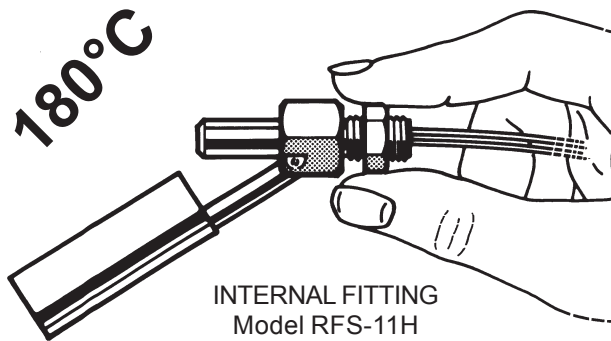
- All Stainless Steel
- High temp. 180°C
- Rugged hinge
- Optional DIN Plug
- 1/8" or 1/2" thread
- Internal or external assembly
- Compact design

This is the lowest price, high temperature, all stainless steel, side entry level switch available in the U.K!

## REED SWITCH PROTECTION

When a reed-switch is used on an inductive load e.g. a relay - the current surge which flows back to the reed-switch (back EMF) can cause the reed switch to fail.

Fitting a suppressor either "in-line" or "across" the relay coil can help protect the reed-switch.



# Stainless steel level switches

## FITTING

The RFS-11H is assembled from inside the tank or vessel after first drilling a 3/8" (10mm) clearance hole in the tank wall.

The RFS-12H has a 1/2"NPT tapered thread, which is almost

indistinguishable from 1/2"BSPT.

This switch can be fitted from outside the tank by screwing it into a 10mm (max) deep, threaded boss.

Both switches can be rotated through 180° to give either Normally Open or Normally Closed contacts.

## PROTECTION

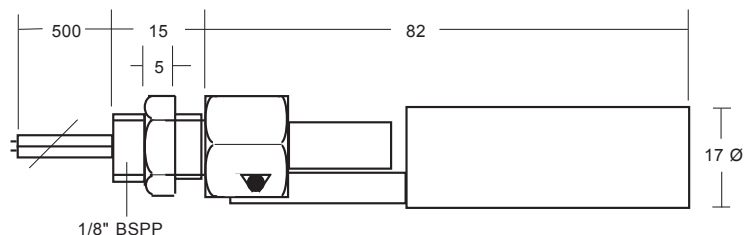
For inductive loads, such as relays etc, we strongly recommend that a PVL suppressor be used to protect the reed switch from back EMF.

See front of this DataFax.

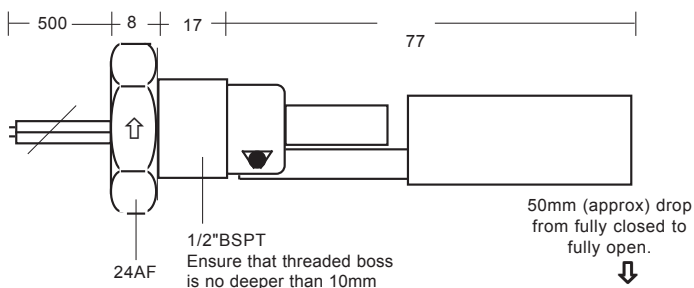
## CUSTOM DESIGNS

Please contact our sales department for further information on our '10 day' delivery, multi-level switches.

**DIMENSIONS - RFS-11H (Internal fitting)**



**DIMENSIONS - RFS-12H (External fitting with flying leads)**



SPECIFICATION - RFS-11H, & RFS-12H			
Contact rating	50 VA	Temp range	-40°C to +180°C
Max switching voltage	300Vac	Max pressure	5 bar
Max switching current	0.5A AC/DC	Float SG	0.70 ± 0.04
Dielectric strength	600 V DC	Material (all s/steel)	Float = 316; Body =304 grade
Contact resistance	200 mOhms	Thread (Internal type)	1/8" BSP
Insulation resistance	10 mOhms	Thread (External type)	1/2" BSPT