

# CRYDOM

Control over power

## Series RSF40

LIQUID LEVEL SENSORS - COMPACT DESIGN

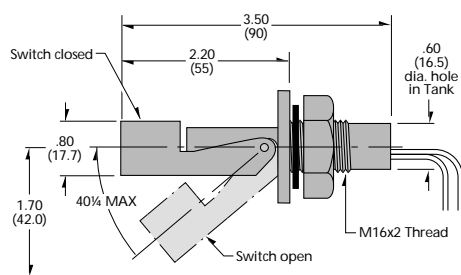
- **Reliable Reedswitch Contacts**
- **User Configurable Switching**
- **Available in GFS Nylon, Acetal, Polypropylene and Polysulfone**
- **UL & FDA Approved**

The RSF40 series of floatswitches offers the user a low cost, compact design with a wide range of options. Available in Acetal, Nylon, Polypropylene or Polysulfone, most commonly used fluids are catered for. The compact design makes this device ideal for size sensitive applications. (For external mount see the Series RSF70).



### MECHANICAL DIMENSIONS

All dimensions are in inches (millimeters)



### ELECTRICAL SPECIFICATION & RESISTIVE LOADS

Contact Form	VA Rating	Breakdown Voltage	Switching Voltage AC	Switching Voltage DC	Switching Current Max.
Z A10	10	215Vdc	125	150	0.5
			-	30	0.5
			-	120	0.15
Y A25	25	800Vdc	30	-	0.6
			120	-	0.15
			240	-	0.1
V C3	3	150Vdc	48	28	0.25

### STANDARD MATERIALS

Series	Material	Color	Temp. Range	Min. Fluid S.G.
RSF41	Acetal	Red	-10 <sub>i</sub> to +14 <sub>i</sub> °C +60 <sub>i</sub> to +140 <sub>i</sub> °F	0.875
RSF43	GFS Nylon	Black	-20 <sub>i</sub> to +4 <sub>i</sub> °C +167 <sub>i</sub> °F	0.85
RSF44	GFS Polypropylene	Opaque	-20 <sub>i</sub> to +14 <sub>i</sub> °C +100 <sub>i</sub> to +212 <sub>i</sub> °F	0.85
RSF45	Polysulfone FDA APPROVED	Blue	-10 <sub>i</sub> to +14 <sub>i</sub> °C +230 <sub>i</sub> °F	0.85

\*Continuous hot water +85°C max, non continuous hot water +100°C max.

### PART NUMBERING SYSTEM

Model Number: RSF4 X X 100 X X XXX

Material Code: 1 - Acetal, 3 - Nylon, 4 - Polypropylene, 5 - Polysulfone

Contact Form: Z - A10, Y - A25, V - C3

Cable Length: 100cm Standard (39.4"), Custom Lengths Available - Contact Factory

Cable Code: R - Wire IPVC 16/0.2, Tri-rated, Black, UL Approved  
M - Cable PVC 7/0.2, 3-Core, Black, Contact Factory for Custom Options

Compression Seal: J - Silicone, N - Nitrile

Accessories Code: Contact Factory for Details

### APPROVALS

UL E171218 (25W Model Only)

