

| TSF40 SERIES

COMPACT INTERNAL MOUNT WITH TEMPERATURE SENSING



The TSF40 series is a compact internal fitting device, with a high specification thermistor so capable of sensing both liquid level and temperature.

Mounting of this series requires access to the inside of the tank.

Typical applications include vending machines, commercial washing machines and evaporator units.

They are manufactured in a variety of materials with a choice of gasket materials, to suit most commonly used liquids.

The switch action may be reversed by rotating the device through 180°.

Available with flying lead connection.

Features

- Compact design with temperature sensing
- Available in Polypropylene
- 25VA



SPECIFICATIONS

Technical

		1919475
Material		Polypropylene
Colour		Opaque
Temp. Range	°C	-20/+100
	°F	-4/+212
Min. Fluid SG		0.85
Must Close Level (SG=1)		8mm
Must Open Level (SG=1)		20mm

*Maximum temperature requires ETFE cable to be specified.

Electrical

		25W (Y code)
Contact Form		N/O (N/C)
Switching Power Max	VA	25
Switching Voltage AC Max	V	240
Switching Voltage DC Max	V	120
Switching Current Max	A	0.6

All ratings are for resistive load only.

Thermistor

Nominal Temperature Resistance	10k Ohm at 25°C
Resistance Tolerance	+/- 1%(25°C) to +/-4.3%(120°C)
Operating Temperature Range	-20°C to +120°C
Temperature Sensing Accuracy	+/-0.2°C (0°C to +70°C)
Beta Value	3892K (0/50°C)
Response Time	<1 sec
Dissipation Constant	0.75mW/K

STANDARD PARTS

RS Stock No.	Material	Temperature	Max Power	Leadouts	Gasket
1919475	PP	-20°C to +100°C	25VA	100cm PVC 16/0.2	Nitrile

DIMENSIONS

All dimensions are in millimeters.

