

DESCRIPTION

A bimetal temperature switch with grounded body switching and built in thermistor output. It is used for mobile or automotive applications where a switch and indicator output are both required.

FEATURES

- Temperature switch and sensor
- Compact size
- Low differential

APPLICATIONS

- Coolant temperature switch/sensor
- Lubrication systems
- Oil reservoir temperature switch/sensor

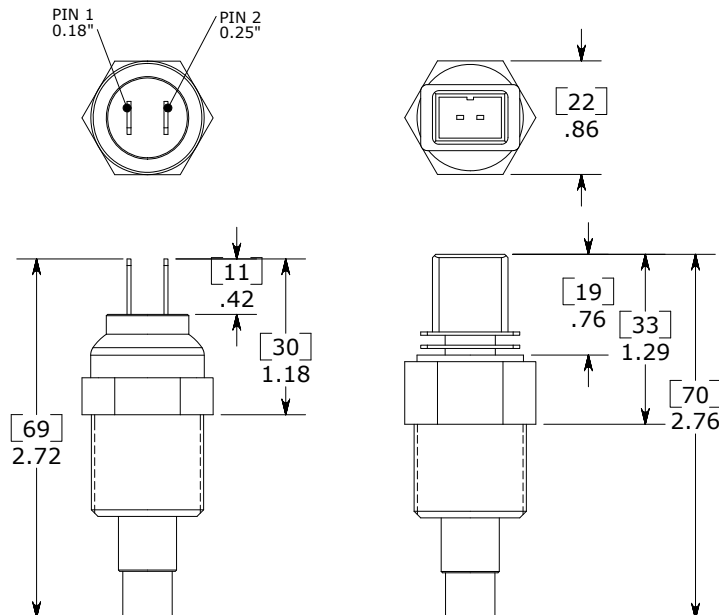
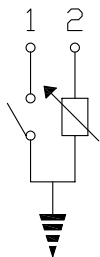
Specifications

Electrical	5A [12/24 VDC, 125 VAC] 3A [250 VAC]
Switch Type	Bimetal
Protection	Terminals IP00, Body IP65
Temperature Range	77°F to 293°F (25°C to 145°C)
Temperature Differential	10°F (5°C)
Temperature Exposure Limit	300°F (149°C)
Housing Material	Brass (Optional Stainless Steel)
Maximum Overpressure	350 PSI (24.1 BAR)
Weight	0.25 lbs (0.11 kg)

Temperature

Temperature Set Point	
°F	°C
77 - 293	25 - 145

Dimensions



Wiring Code

CONTACT	SPADE	FLYING LEADS	FLWF / FLWM WEATHERPACK	FLDR / FLDP DEUTSCH RECEPTACLE / PLUG
PIN 1 - NORMALLY CLOSED	0.18"	RED	PIN A	PIN 1
PIN 1 - NORMALLY OPEN	0.18"	RED	PIN A	PIN 1
PIN 2 - NTC	0.25"	BLACK	PIN B	PIN 2

Ordering Information

Factory Preset

S1TAF - ¹**120F** - ²**4M** - ³**B** - ⁴**SP** - ⁵**3**

1 - Temperature Selection

Insert set point value XXX followed by: R, F

Set Point	Direction	Description
XXXX	R	Fahrenheit Rising
	F	Fahrenheit Falling

2 - Thread Options:

- 4M** - 1/4 NPT male
- 6M** - 3/8 NPT male
- 8M** - 1/2 NPT male

3 - Circuit:

- A** - SPST (Normally Open), NTC 2000
- B** - SPST (Normally Closed), NTC 2000

4 - Electrical Termination:

- SP** - 1/4" Spades
- J** - Junior Power Connector AMP 106462/1
- FL** - Flying Lead 18" long, 18 AWG
- FLWF** - Flying Lead Weatherpack connector, female, 10" long leads
- FLWM** - Flying Lead Weatherpack connector, male, 10" long leads
- FLDP** - Flying Lead Deutsch connector, plug, 10" long leads
- FLDR** - Flying Lead Deutsch connector, receptacle, 10" long leads

5 - Options:

- 3** - 316 Stainless Steel Housing

