



DESCRIPTION

A bimetal temperature switch with brass body and an internal sensing cavity. Its unique design allows for sensing of the fluid temperature without the need of a probe. This compact bimetallic temperature switch will meet most industrial applications.

FEATURES

- Factory set
- High current rating
- Reliable differential
- Compact size

APPLICATIONS

- Hydraulic reservoir safety switch
- Coolant temperature switch

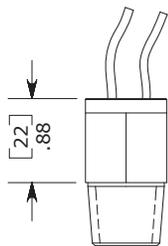
Specifications

Electrical	120 VAC - 15A Resistive 240 VAC - 10A Resistive 12VDC - 12A Resistive 24 VDC - 6A Resistive
Switch Type	Bimetal
Protection	DIN 43650A - IP65, Terminals - IP00
Temperature Range	77°F to 293°F (25 °C to 145°C)
Temperature Differential	25°F (12°C)
Temperature Exposure Limit	300°F (149°C)
Housing Material	Brass (Optional Stainless Steel)
Maximum Overpressure	350 PSI (24.1 BAR)
Weight	0.31 lbs (0.14 kg)

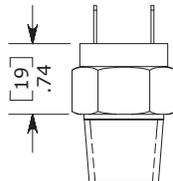
Temperature

Temperature Setpoint	
°F	°C
77 - 293	25 - 135

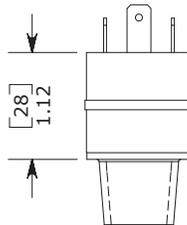
Dimensions



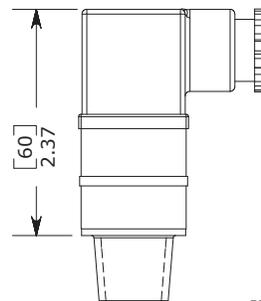
FL
Flying Leads



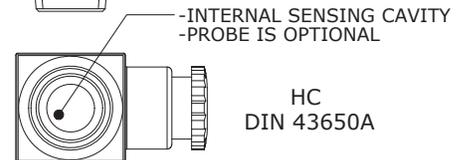
SP
Spades



H
Din Male Only



HC
DIN 43650A



Wiring Code

CONTACT	FLYING LEADS	DIN 43650 TYPE	FLWF / FLWM WEATHERPACK	FLDR / FLDP DEUTSCH RECEPTACLE / PLUG
COMMON	RED	PIN 1	PIN A	PIN 1
NORMALLY CLOSED	RED	PIN 2	PIN B	PIN 2
NORMALLY OPEN	RED	PIN 2	PIN B	PIN 2

Ordering Information

Field Preset

S2TAF - ¹140F - ²4M - ³B - ⁴HC - ⁵3

1 - Temperature Selection:

Insert set point value XXX followed by: R, F.

Set point	Direction	Description
XXXX	R	°F Rising Pressure
	F	°F Falling Pressure

2 - Thread Options:

- 4M - 1/4 NPT
- 6M - 3/8 NPT
- 8M - 1/2 NPT
- 8S - 3/4-16 SAE

3 - Circuit:

- A - SPST (Normally Open)
- B - SPST (Normally Closed)

4 - Electrical Termination:

- H - DIN 43650A - connector type - male half only
- HC - DIN 43650A - connector type
- HN - DIN 43650A 1/2" NPT Conduit (only available in SPDT option)
- 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
- SP - 1/4" Spade

5 - Options:

- 3 - 316 Stainless Steel Housing

NOTE: For probe length requirements, please consult factory.
Standard switch is designed with an internal sensing cavity

