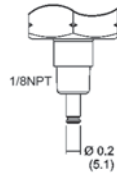


Sensors Inc.



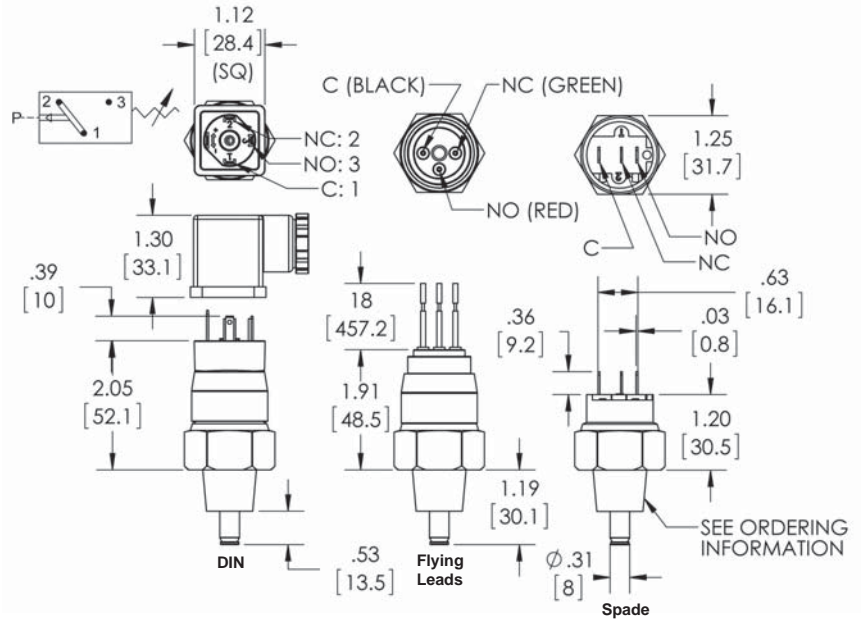
Standard port is 1/2 NPT

1/8 NPT Port as Shown  
Special Order Only



# TFF Temperature Switch

## Fluid Expansion



The PVS model TFF is a factory set temperature alarm switch for protection of all types of engines, pumps, compressors, gear boxes, hydraulic reservoirs, marine and industrial power plants. The TFF provides fast accurate temperature response through a brass probe that protrudes into the application.

**ELECTRICAL:**

5A - 24 VDC (Resistive)  
2A - 24 VDC (Inductive)

**PROTECTION:**

DIN 43650A-IP65  
Terminals-IP00  
Flying Leads-IP65

**MAX TIGHTENING TORQUE:**

40 ft-lbs (54 Nm)

**CIRCUIT:**

SPDT (standard)

**ACCELERATION:**

Up to 8G

**DIFFERENTIAL:**

19°F (9°C Nominal)

**TOLERANCE:**

± 6°F (3°C)

**MAXIMUM WORKING PRESSURE:**

175 PSI (12 BAR)

**MAXIMUM BODY TEMPERATURE:**

248°F (120°C) Ambient

**OPERATING RANGE:**

70° - 285°F (21° - 141°C)

**MAXIMUM OVERLOAD:**

77°F (25°C) Above set point

**HOUSING:**

Steel, Zinc Plated Passivated

**ORDERING INFORMATION**

TFF	- 100F	- R	- 8M	- C	- SP
Model	Temperature Set Point	Direction	Port Size	Circuit	Terminal
TFF	Specify Set Point Required F or C 70° - 285°F (21° - 141°C)	R - Temperature Rising F - Temperature Falling	2M - 1/8 NPT* 4M - 1/4 NPT* 6M - 3/8 NPT* 8M - 1/2 NPT  * Special Order Minimum quantity required	C - SPDT (standard) *A - SPST - NO *B - SPST - NC  *FL Only	SP - Spade FL - Flying Leads 18" H - DIN43650A Male Half Only HC - DIN43650A Cable Clamp HN - DIN43650A 1/2" Conduit (female) HCC - 36" Cable HC11A - DIN Light NO/NC 110V HC11B - DIN Light NO/NC 12VDC HC11C - DIN Light NO/NC 24VDC HC11D - Indicating Light Green/Red