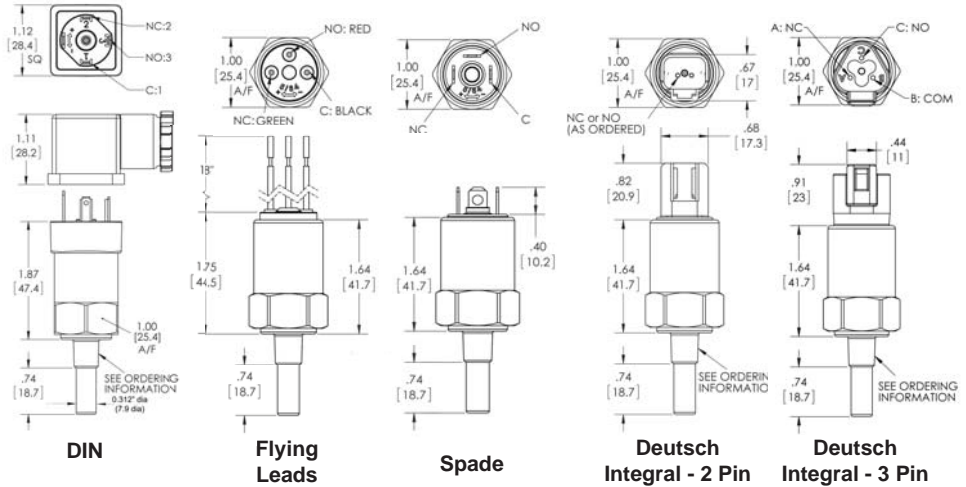


TAS/TFS Temperature Switch Fluid Expansion



(Probe length varies per port, .74" is standard for 1/8" npt)

The **TAS/TFS** is a temperature switch for protection of all types of engines, pumps, compressors, gear boxes, hydraulic reservoirs, marine and industrial power plants. It provides fast accurate temperature response through a brass probe that protrudes into the application.

ELECTRICAL:

Standard: 5A, 125/250 VAC - UL Recognized
5A, 12/24 VDC - UL Recognized
Option -7: 0.2A, 60 VDC - UL Recognized
Gold contacts may be required for less than 12 VDC and 20 milliamp
Electrical Ratings - Other
3 AMP - Up to 30 VDC

CIRCUIT:

SPST - Normally Open
SPST - Normally Closed
SPDT

PROTECTION:

Exposed Terminals – IP00
DIN HC - IP65
Flying Leads & Deutsch Integral - IP69

MAX WORKING PRESSURE:

750 PSI (52 BAR)

HOUSING MATERIAL:

Brass

TOLERANCE:

± 6°F (3°C)

TEMPERATURE SET POINT RANGE:

40°F - 300°F (5°C - 150°C)

DIFFERENTIAL:

8°F - 16°F

MAXIMUM OPERATING TEMPERATURE:

325°F (163°C)

MAX OVERLOAD:

50°F (28°C) Above set point

ORDERING INFORMATION

TFS	- 120F *	- R*	- 4M	- A	- SP	- 7 *
Model	Temperature Set Point	Direction	Port Size	Circuit	Terminal	Options
TAS Field Adjustable	* Omit for TAS Adjustable Model	* Omit for TAS Adjustable Model	2M - 1/8 NPT 4M - 1/4 NPT 6M - 3/8 NPT 8M - 1/2 NPT	A - SPST / NO B - SPST / NC C - SPDT	SP - 1/4" x 1/32" Spade TS - 6-32 Terminal Screws FL - Flying Leads 18" FLL - Advise additional length of leads if required	* Omit for Standard 7 - Gold Contacts
TFS Factory Set	Specify Set Point Required F or C 40°F - 300°F (5° - 150°C)	R - Temperature Rising F - Temperature Falling	6S- 9/16X18 SAE MALE 4G- 1/4 BSPP (undercut for an o-ring seal) 4GS- 1/4 BSPP (no undercut) 8S- 3/4-16 SAE MALE		FLWTF - Weatherpack Tower Female FLWTM - Weatherpack Tower Male FLWSF - Weatherpack Shroud Female FLWSM - Weatherpack Shroud Male 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 (can only be used with SPDT Circuit) DI - Deutsch Integral (2 pin and 3 pin) M12 - M12 X 1	****Call Factory for Shrink Wrap Options & Pricing