(Hex will vary depending on electrical termination)
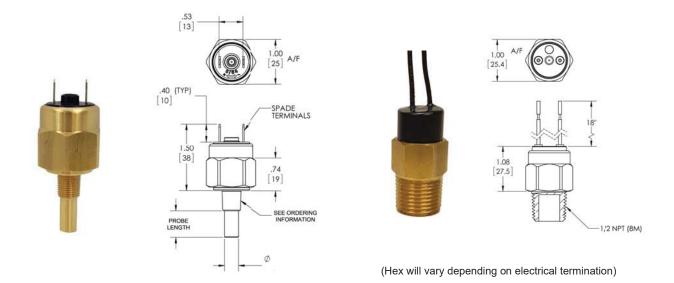
The **TBM** series is a Bi-Metal temperature alarm switch with a factory set point. The switches are used for protection of all types of internal combustion engines, pumps, compressors, gear boxes, hydraulic reservoirs, marine and industrial power plants. For more compact and those tight mounting areas use the switch with the recess in the port for where the fluid flows.

ELECTRICAL:
15A - 250 VAC (Resistive)
15A - 24 VDC (Resistive)

CIRCUIT:
SPST - NO
SPST - NC

HOUSING MATERIAL:
Brass
(Hex will vary depending on electrical termination)

PROTECTION:
IP67

SETTING TOLERANCE:
± 10°F (± 5°C)

MAX PROBE PRESSURE:
7500 PSI (520 Bar)

PROBE LENGTH:
See Ordering Information

TEMPERATURE RANGE:
75° - 290°F (24° - 143°C)

MAX WORKING TEMP:
400°F (204°C)

TEMP DIFFERENTIAL:
27°F (15°C) AVERAGE

WEIGHT:
0.70 lbs (0.32 kg)
[For Certifications and Approvals: Please Inquire]

Port	Probe Diameter for Cable termination	Probe Diameter for All other terminations
1/8" npt	5/16" (.312)	.310
1/4" npt	3/8" (.375)	.310
3/8" npt	1/2" (.500)	.310
1/2" npt	1/2" (.500)	.310
3/4-16 SAE	1/2" (.500)	.310

ORDERING INFORMATION

TBM	- 100F	- R	- 8M	- B	- FL	- *A	- *4
Model	**Temperature Set Point**	**Direction**	**Port Size**	**Circuit**	**Terminal**	**Probe Lgth**	**Options**
TBM	Specify Set Point Required F or C 75° to 290°F (24° to 143°C)	R - Temperature Rising F - Temperature Falling	2M - 1/8 NPT 4M - 1/4 NPT 6M - 3/8 NPT 8M - 1/2 NPT 8S - 3/4-16 SAE	A - SPST / NO B - SPST / NC	SP - 1/4" x 1/32" Spade TS - 6-32 Terminal Screws C - Cable (advise length required) (.875" hex size only) FL - 18" Flying Leads FLL - Advise additional length of leads If required H - DIN 43650A Male Half Only HC - DIN 43650A Cable Clamp HN - DIN 43650A 1/2 Conduit (female) HCC - XXX (Specify Length in Inches) DI - Deutsch Integral (2 Pin Only)	*Omit for No Probe* A - 1/2" B - 1" C - 2" D - 1-1/2"	* - Omit If Standard 4 - Stainless Steel IG - Internal Ground

Tackling climate change together