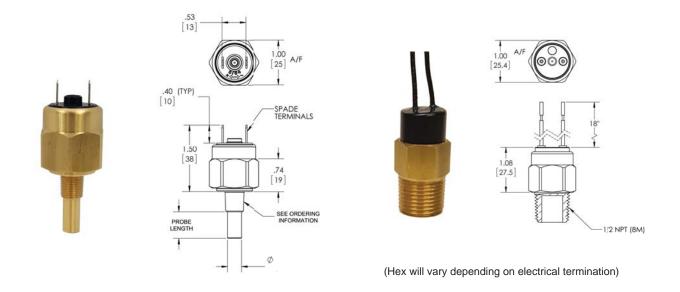


TBM Temperature Switch

Bi-Metal



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:

(Hex will vary depending on electrical termination)

PROBE LENGTH:
See Ordering Informa

PROTECTION: TEMPERATURE RANGE:

IP67 75° - 290°F (24° - 143°C)

SETTING TOLERANCE: MAX WORKING TEMP: $\pm 10^{\circ}\text{F} (\pm 5^{\circ}\text{C})$ $400^{\circ}\text{F} (204^{\circ}\text{C})$

MAX PROBE PRESSURE: TEMP DIFFERENTIAL: 7500 PSI (520 Bar) 27°F (15°C) AVERAGE

PROBE LENGTH: WEIGHT:
See Ordering Information 0.70 lbs (0.32 kg)
[For Certifications and Approvals: Please Inquire]

| Port | Probe Diameter for Cable termina- tion | Probe Diame- ter 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

| ТВМ | - 100F | - R | - 8M | - B | - FL | - *A | - *4 |
|-------|---|---|--|--------------------------------|---|--|--|
| Model | Temperature Set Point | Direction | Port Size | Circuit | Terminal | Probe Lgth | Options |
| ТВМ | 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 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 |