

CLARK SOLUTIONS HT Bellows Type Temperature Switch

Set Point Range, 40-300°F, Factory Preset

DESCRIPTION

Model TM is a simple, compact, reliable and economical temperature switch that uses a bellows sensing element. It is similar to model TM but can switch higher loads.

The unit is shock and vibration resistant and available in a wide range of configurations. It is shipped with the switch point factory preset.

SPECIFICATIONS



Set Point Range- 40°-300°F (4°-49°C)

Set Point Tolerance- $\pm 5^\circ\text{F}$ (2.8°C)

Maximum Operating Temperature- 100°F above set point (325°F max)

Differential- 8-16°F

Current Rating- 10 A @ 125/250 VAC 5 A @ 30 VDC

Media Connection Standard- Brass (Optional: 303 SS, 316 SS)

Circuit Form SPST-NO, SPST-NC or SPDT

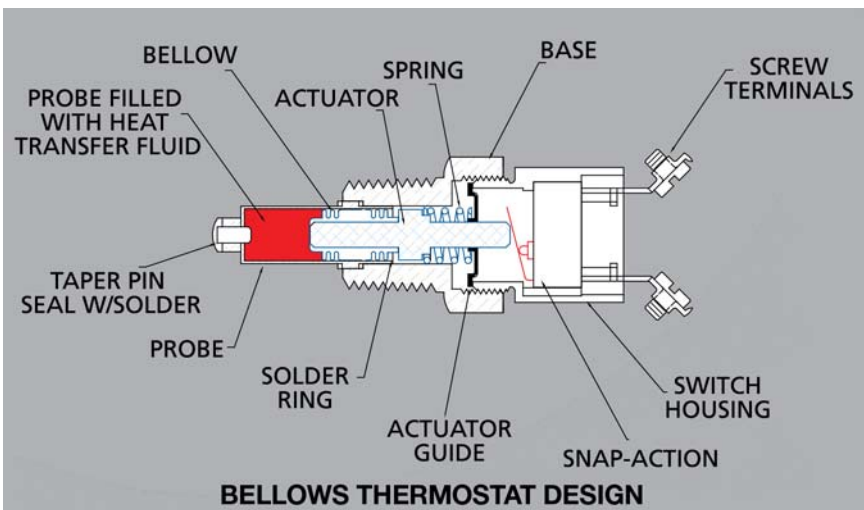
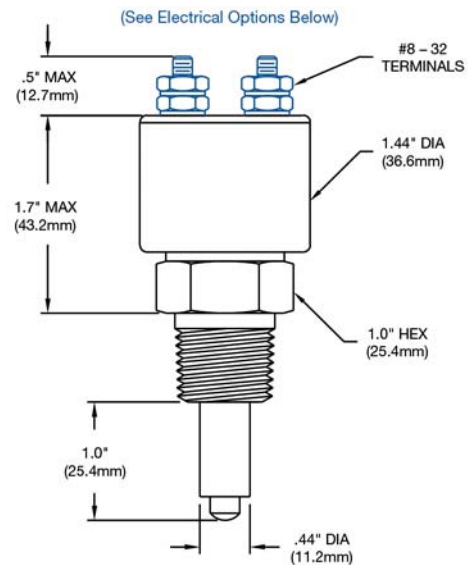
Electrical Connection See Order Chart Below for Options

Maximum External Pressure 500 PSI

Housing- NEMA 4, 13



DIMENSIONS



ORDERING INFORMATION

ORDER NUMBER (SEE TABLE)

A-BCD-EFG

EXAMPLES- HT-B1A200RWL

A Model	B Connection Material	C Media Connection	D Circuit Form	E Fixed Set Point	F Set Point Direction	G *Electrical Options
HT	B= Brass (Standard) T= 303 Stainless Steel U= 316 Stainless Steel	1= 1/2" NPT Male 2= 3/8" NPT Male 6= M16 x 1.5 7= 1/2" BSPP Male (G1/2) 16= 3/8" — 19 BSPT/JIS 27= M22 x 1.5 SAE J2244 45= 1/2" BSPP 303 SS	A= SPST-NO B= SPST-NC C= SPDT	Specify Between 40°F to 300°F	R=Rising F= Falling	- = Screw Terminals (Standard) WL= Wire Leads 18" QC= 1/4" Spade Connection WP= Weather Pack HR= DIN43650A Connector MP= Metri-Pack AT= 10 A @ 125/250 VAC, 5 A @ 30 VDC GG= Internal Ground AU Gold Plate/Alloy for low currents *See next page for more choices

A COMPREHENSIVE SELECTION OF ELECTRICAL CONNECTIONS

We see designs used in all types of applications imaginable, so we want to make sure you have a wide choice of electrical connections.

We offer a growing selection of connections, and if you want something else, just ask us for it.



HF

DIN43650A
1/2" Conduit
(Plug & Receptacle)

HH

DIN43650A
(Plug Only)

HR

DIN43650A
Strain Relief
(Plug & Receptacle)

HP

9.4mm DIN
(Plug Only)

HM

9.4mm DIN
(Plug & Receptacle)

MP

Metri-Pack
Female 280
Series Sealed

NP

Metri-Pack
Male 280
Series Sealed



CP

Metri-Pack
Female 150
Series Sealed

DP

Metri-Pack
Male 150
Series Sealed

PP

Boot
(Military
Connector)

QC

1/4" Male
Spade Quick
Connect

WL

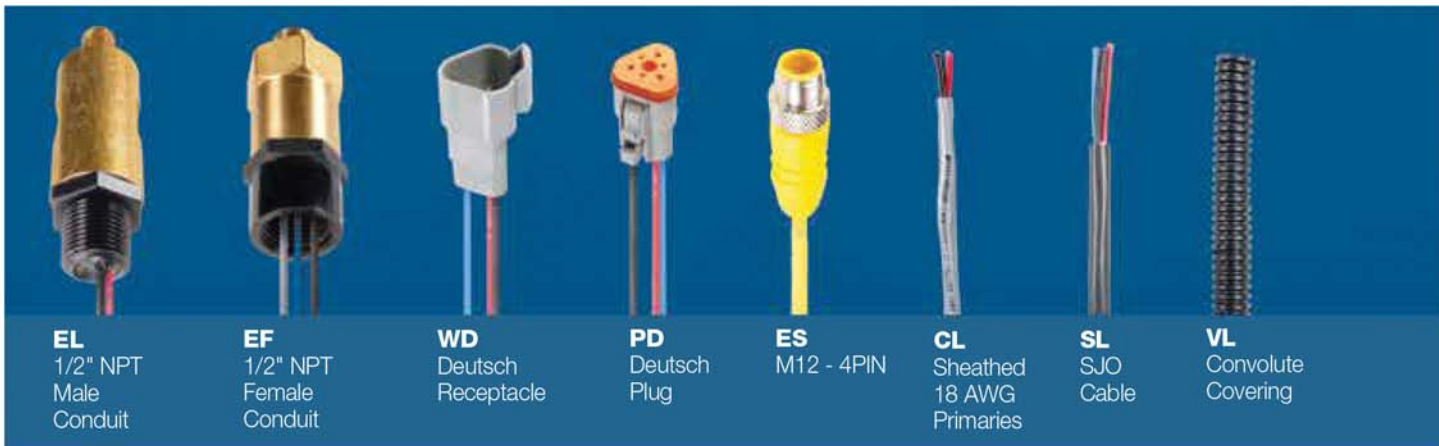
Wire Leads

WP

Weather Pack
(Female)

TP

Weather Pack
(Male)



EL

1/2" NPT
Male
Conduit

EF

1/2" NPT
Female
Conduit

WD

Deutsch
Receptacle

PD

Deutsch
Plug

ES

M12 - 4PIN

CL

Sheathed
18 AWG
Primaries

SL

SJO
Cable

VL

Convolute
Covering

Color Code:

Black – Common

Red – Normally Open

Blue – Normally Closed

Pin Assignments:

A – Normally Open

B – Common

C – Normally Closed

DIN Connector Pin Assignments:

#1 – Common

#2 – Normally Closed

#3 – Normally Open

#4 – Not Used

M12 Connector Pin Assignments:

#1 – Common

#2 – Not Used

#3 – Normally Open

#4 – Normally Closed