

# Model B-1X

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Suffes D9 & D10  
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TEL (203) 377-5252  
FAX (203) 377-5238

- Standard Series
- Single Switch
- Internal Temperature
- Adjusting Screw
- For Temperatures To 1200° F (650° C)
- Explosion-Proof Housing
- C.S.A. & F.M. Approved



## HOW TO ORDER

1. Model B-1X.
2. Select Code from specifications below.
3. Range in "F" is standard. Specify if "C" is required. Specify if alternate range for codes 62-67 is required.
4. Add CSA or FM if required.
5. Add CSA or FM if required.

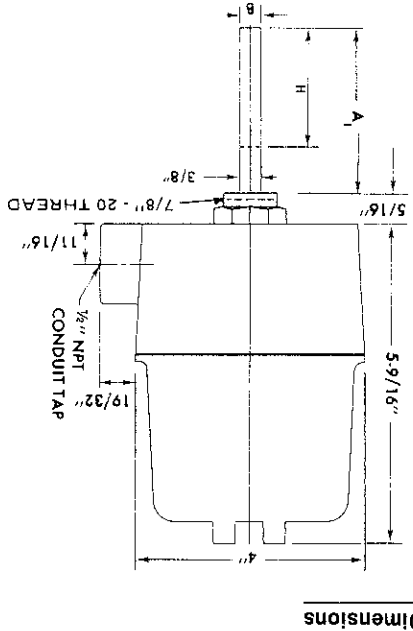
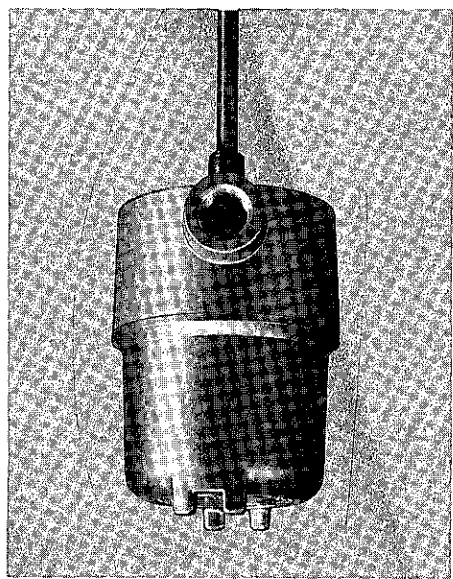
- a. CSA Certification — Specify "C."
- b. FM Approval — Specify "F," show sealed factory temperature setting, and show manual reset switch (type J). See item 5.
5. Specify letter for type of S.P.D.T. snap-action switch required.

- a. "N" is standard automatic reset with U.L. rating of 15 amp, 125-250-460 VAC, 1/8 HP, 125 VAC, 1/4 HP 250 VAC.
- a. If a bushing or union is not to be in standard position, specify "C" or "D" dimension in inches.

**Housing**  
The explosion-proof housing is rated for Class I Group D and Class II Groups, E, F, & G locations. It is also rated for Class I Group C locations when sealed from conduit system.

**Model B-1X** — Code  — Approvals (if required)  Switch  — Tube Part Number  — Fitting  in inches if not in standard position. Specify "C" or "D"

Specify if required: Range in °C: Factory Temp. setting \_\_\_\_ °F. \_\_\_\_\_ Alternate range for codes 62-67.



## Specifications of Model B-1X

Approx. shipping weight: 4 lbs.

Code Number	Adjustable Temperature Range (°F)		Centigrade (°C)	Max. Temp. to which Tube can be exposed	Tube Specifications			Approx. Differential (Total)	Approx. Temp. per Turn of Adj. Screw	Position of Bushing (C) or Union (D)	Drawing	Immersion Length <sup>3</sup>
	Temperature Range				Material	Material	Length (H)					
	Fahrenheit (°F)	Centigrade (°C)										
50	-100 to +100	-75 to +35	600 F	9 5/8"	3 1/2"	Stn.Stl.	10"	163-30	C = 9 5/8", D = 8 3/4"	A-666-3	U = 9 5/8"	
53	0 to 200	-10 to 100	"	9 5/8"	3 3/8"	"	10"	163-30	C = 9 5/8", D = 8 3/4"	A-666-3	U = 9 5/8"	
54	100 to 300	40 to 150	"	"	"	"	"	163-30	"	"	"	
55	200 to 400	90 to 200	"	9 5/8"	3 3/8"	"	10"	163-30	C = 9 5/8", D = 8 3/4"	A-666-3	U = 9 5/8"	
56	300 to 500	150 to 260	"	"	"	"	"	163-30	"	"	"	
57	400 to 650	200 to 340	1200 F	8"	3 3/8"	Stn.Stl.	12"	132-10	C = 9 1/2", D = 8 1/2"	A-807	U = 8 3/4"	
58	400 to 800	200 to 425	"	5"	3 3/8"	"	10"	132-20	C = 6 1/2", D = 6 1/2"	A-807	U = 8 3/4"	
59	600 to 1000	310 to 525	"	"	"	"	"	132-20	"	"	U = 3 5/8"	
60	600 to 1200	320 to 650	"	"	"	"	"	132-60	C = 4 1/8", D = 4 1/8"	A-1198	U = 3 5/8"	

1. Also available in range of -100 to +400° - 75
2. Flange or bushing only on this code. Union is not available.
3. To be used only where full immersion length will be available.
4. Standard construction - recommended for best special thermowell. Otherwise, order exposed to the heat.
5. Type A-666-3 thermowell uses no separate mounting most or corrosive environment.
6. Bushing only when used with thermowell.
7. For wider differentials see page 21.