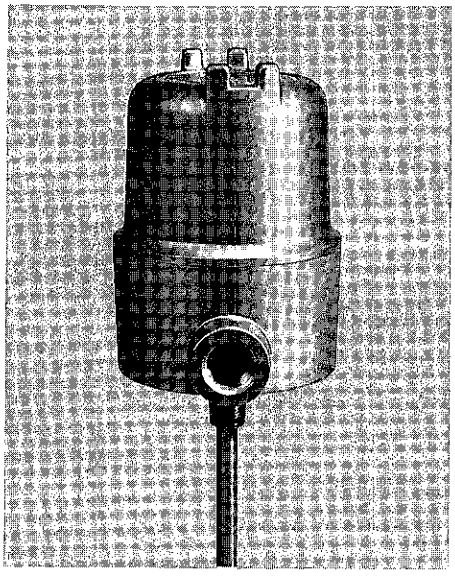
Milford, CT 06460
sales@maselmon.com

- **Standard Series**
- **Two Switches**
- **Internal Temperature Adjusting Screw**
- **For Temperatures to 700 °F (370 °C)**
- **Explosion-Proof Housing**
- **C.S.A. & F.M. Approved**



HOW TO ORDER

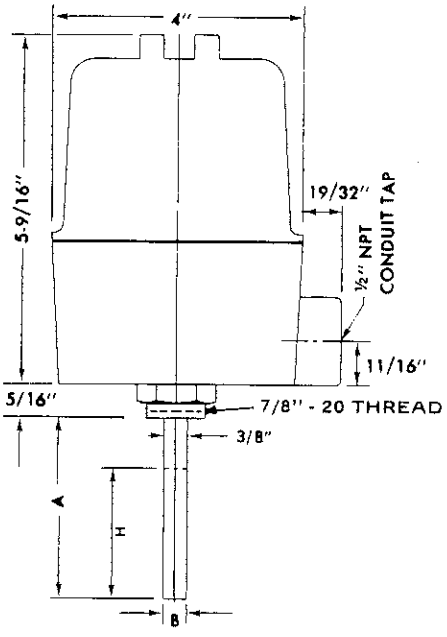
Order model number as shown below.

1. Model B-2X.
2. Select Code from specifications below.
3. Range in °F is standard. Specify if °C is required.
4. Add CSA or FM if required.
   a. CSA Certification — Specify "C."
   b. FM Approval — Specify "F," show sealed factory temperature setting, and show one 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.
   b. "J" is manual reset. See page 21 for U.L. rating.
   c. For higher ratings or wider differentials, see page 21.
6. Specify Tube part number for Code selected. See Specifications below.
7. Specify Mounting Fitting part number from page 20. If not required, specify 00 in code.
   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.

Dimensions



Model B-2X — [ ][ ][ ] — [ ][ ][ ] — [ ][ ] — [ ][ ][ ][ ][ ][ ] — [ ][ ]

Code | Approvals (if required) | Switches | Tube Part Number | Fitting

Specify "C" or "D" in inches if not in standard position.

Specify if required: ____ Range in °C; Factory Temp. setting ____ °F.

Specifications of Model B-2X — **Approx. shipping weight: 4½ lbs.**

Code Number	Adjustable Temperature Range: Fahrenheit (°F)	Adjustable Temperature Range: Centigrade (°C)	Max. Temp. to which Tube can be exposed	Tube Specifications: Active Part: Length (H)	Active Part: Dia. (B)	Active Part: Material	Inactive Part: Material	Overall Length (A)	Part No.	[4]Approx. Operating Differential (total)	Standard Position of Bushing (C) or Union (D) on Tube (If req'd)	[3]Standard Thermowell available, If required See page 19: Drawing	[3]Standard Thermowell available, If required See page 19: Immersion Length[3]
671	−100 to +200	−65 to +100	600 F	4 1/8"	3/8"	Stn.Stl.	Stn.Stl.	5"	163-80	7 F	C = 4 1/8"[2]	[1]A666-3	U = 4 1/4"
672	+ 25 to 300	0 to 150	"	"	"	"	"	"	"	7 F	"	"	"
673	150 to 400	60 to 200	"	"	"	"	"	"	"	6 F	"	"	"
674	250 to 500	120 to 260	"	"	"	"	"	"	"	5 F	"	"	"
675	350 to 600	175 to 315	"	"	"	"	"	"	"	5 F	"	"	"
681	− 75 to +200	− 50 to +100	600 F	5"	3/8"	Stn.Stl.	Stn.Stl.	8 1/2"	163-100	7 F	C or D = 6 1/2"	A-807	U = 5 3/4"
682	+ 50 to 300	10 to 150	"	"	"	"	"	"	"	6 F	"	"	"
683	175 to 400	75 to 200	"	"	"	"	"	"	"	5 F	"	"	"
684	275 to 500	135 to 260	"	"	"	"	"	"	"	4 F	"	"	"
685	375 to 600	190 to 315	"	"	"	"	"	"	"	4 F	"	"	"
691	400 to 600	200 to 310	1200 F	5"	3/8"	Stn.Stl.	Stn.Stl.	10"	132-30	5 F	C or D = 6 1/2"	A-807	U = 5 3/4"
692	500 to 700	260 to 370	"	"	"	"	"	"	"	5 F	"	"	"

1. Type A 666-3 thermowell uses no separate mounting fitting.
2. Bushing or flange only. Union not available.
3. To be used only where full immersion length will be exposed to the heat. Otherwise, order a special Thermowell.
4. For wider differentials see page 21.