

- Standard Series
- Single Switch
- NEMA 1 Enclosure
- Internal or External Temperature Adjustment
- For Temperatures to 1750°F (950°C)
- Calibrated Temperature Dials (°F or °C)
- F.M. & U.L. Listed

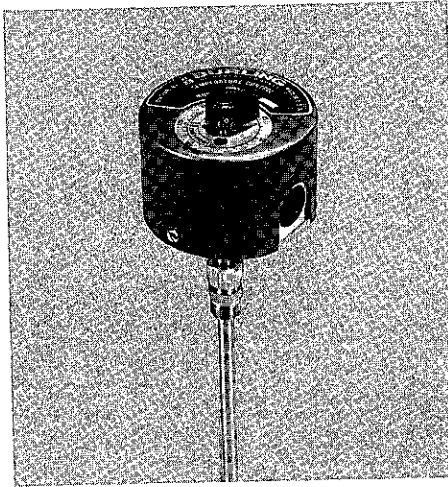


HOW TO ORDER

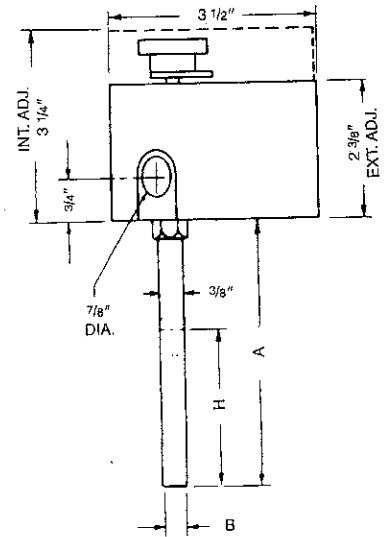
Order model number as shown below.

1. Model C-1S (with housing) or C-10 (without).
2. Select Code from specifications below. Be sure to use proper code number to indicate external or internal adjustment.
3. Range in °F is standard. Specify if °C is required.
4. Add FM, UL-R, or UL-RL if required (C-1S only).
 - a. FM Approval — Specify "F" and show manual reset switch (type J). See item 5. FM available only with internal temperature adjustment.
 - b. UL-R Listing (temperature regulating service) — Specify "R." Requires automatic reset switch and external temperature adjustment.
 - c. UL-RL Listing (temperature regulating and limiting service) — Specify "RL" and show factory temperature setting. Requires automatic reset switch and external temperature adjustment.

C-1S (with union mounting fitting)

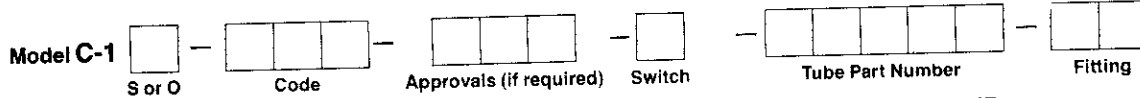
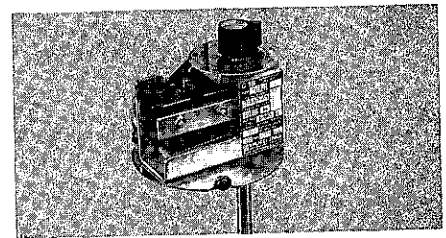


Dimensions



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.

C-10 (less cover)



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

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

Approx. shipping weight: 3 lbs.

Specifications of Model C-1S

Code Number		Adjustable Temperature Range		Max. Temp. to which Tube can be exposed	Tube Specifications				Approx. Operating Differential (total)	Standard Position of Bushing (C) or Union (D) on Tube (if req'd)	Standard Thermowell available if required See page 19			
Ext. Adj.	Int. Adj.	Fahrenheit (°F)	Centigrade (°C)		Active Part			Overall Length (A)			Part No.	Drawing	Immersion Length ¹	
					Length (H)	Dia. (B)	Material							
501	531	30-225	0-110	600°F	10"	1/4"	Stn.Stl.	Ni.Alloy	10 ^{5/16} "	180-10	4 F	C = 10 ^{1/16} " ²²	None	—
502	532	100-300	40-150	"	"	"	"	"	"	"	"	"	"	"
503	533	40-500	0-260	"	5"	1/4"	Stn.Stl.	Ni.Alloy	5 ^{15/16} "	180-40	6 F	C = 5 ^{1/16} " ²²	"	—
504	534	40-500	0-260	"	"	"	"	"	7 ^{1/8} "	180-60	"	C = 6 ^{1/4} ", D = 5"	A-698-1	U = 5 ^{1/4} "
505	535	40-500	0-260	"	"	"	"	"	8 ^{1/4} "	180-80	"	C = 6 ^{1/4} ", D = 6 ^{1/4} "	"	"
510	540	50-300	10-150	"	8"	3/8"	Stn.Stl.	Stn.Stl.	11 ^{1/2} "	184-0	6 F	C = 9 ^{1/2} ", D = 9 ^{1/2} "	A-807	U = 8 ^{3/4} "
511	541	250-500	120-260	1200°F	"	"	"	"	"	181-50	"	"	"	"
512	542	450-700	235-370	"	"	"	"	"	"	"	"	"	"	"
513	543	650-900	345-480	"	"	"	"	"	"	"	"	"	"	"
514	544	100-500	40-260	1200°F	5"	3/8"	Stn.Stl.	Stn.Stl.	8 ^{1/2} "	181-20	10 F	C = 6 ^{1/2} ", D = 6 ^{1/2} "	A-807	U = 5 ^{3/4} "
515	545	300-700	150-370	"	"	"	"	"	"	"	"	"	"	"
516	546	500-900	260-475	"	"	"	"	"	"	"	"	"	"	"
519	549	775-1150	410-620	1200°F	5"	3/8"	Stn.Stl.	Stn.Stl.	10"	181-40	10 F	C = 6 ^{1/2} ", D = 6 ^{1/2} "	A-807	U = 5 ^{3/4} "
520	550	1050-1400	570-760	1400°F	"	"	"	"	"	"	"	"	"	"
521	551	1200-1550	650-850	1800°F	5"	3/8"	Inconel	Inconel	11"	183-0	12 F	—	—	—
522	552	1400-1750	760-950	"	"	"	"	"	"	"	"	"	"	"

¹ Drawing or flange only. Union not available.