Bulb & Capillary Thermostats
Remote Sensing
20A CAP Series - Manual Reset

selco
our service makes the difference

CAP-MR Series

The CAP series is a fixed setting, manual reset, high limit safety control. The contacts are snap-acting, single pole single throw (SPST) rated for 20 amp. The CAP series is also available with 30 amp rated contacts. These thermostats are capable of switching pilot duty loads and gold flash contacts are optional for millivolt applications. When the temperature rises, the bulb fluid expands via the capillary tube to an expandable diaphragm within the remote sensor set point. Many models come standard off the shelf or configure a custom design. The capillary is available in copper or stainless steel, up to 13ft. A variety of capillary sleeves are available for added protection. They are rugged yet compact for versatility and long life.

Selco switches are produced in an ISO 9001 certified factory to ensure safe and reliable operation. All models are 100% factory inspected to ensure proper temperature, continuity and function.

Temperature Limiting Applications

Commercial Food Equipment, Heaters, Heat Pumps, Hot Plates, Packaging Equipment

Technical Specifications

CAP-MR Series

Features
Precise and accurate
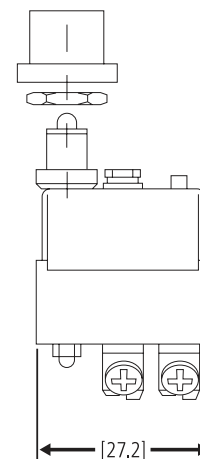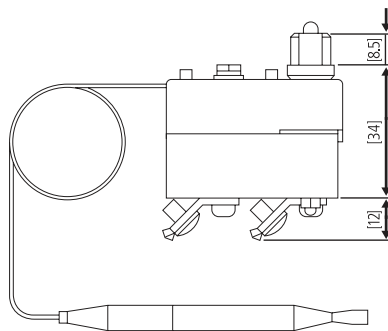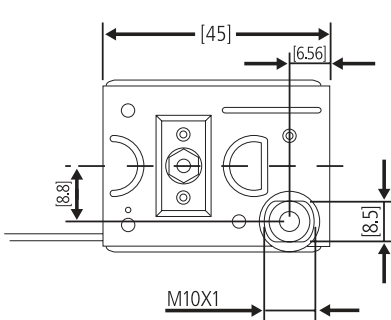High temperature

Temperature Range
104˚ to 752˚F (40˚ to 400℃)

Electrical Ratings
120/240 VAC, 20 A, Resistive, 6,000 Cycles
240 VAC, 2.9 FLA/30 LRA, Inductive, 6,000 Cycles

Approvals
UL E168164(S), XAPX2
c-UL E168164(S), XAPX8
ENEC

RoHS Compliant

For more information on Selco Products please visit us at: **www.selcoproducts.com**

CAP-MR Series - Manual Reset

TEMPERATURE RANGE	TOLERANCE
104° to 195°F (40°-90°C)	±5.4°F (3°C)
85° to 230°F (30°-110°C)	±7.2°F (4°C)
122°-392°F (50°-200°C)	±14.4°F (8°C)
122°-428°F (50°-220°C)	±14.4°F (8°C)
122° to 482°F (50°-250°C)	±16.2°F (9°C)
122° to 570°F (50°-300°C)	±16.2°F (9°C)
140°-752°F (60°-400°C)	±21.6°F (12°C)

Part Number Configurator

CAPMR – ☐☐☐ – ☐☐☐

Set Point

Material **Termination** **Fitting**
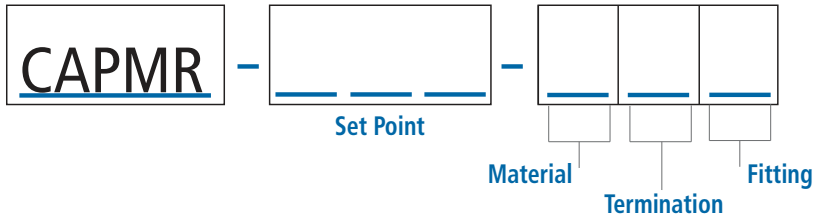
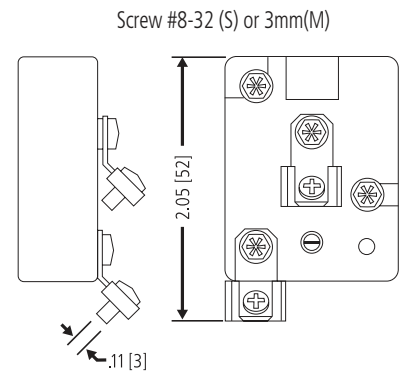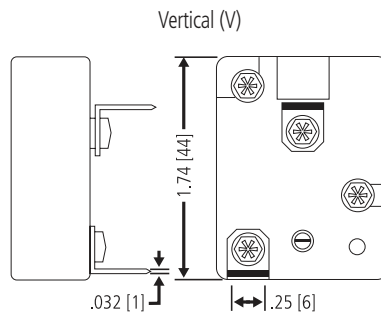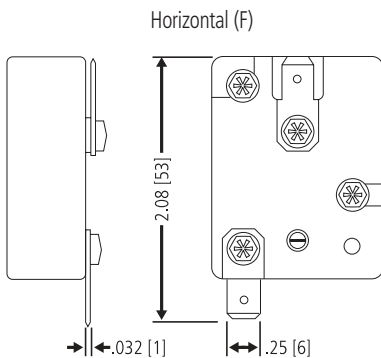### Set Point Minimum

104-752°F

Material

C Copper
S Stainless Steel

Termination

V Vertical .250" Quick Connect
F Horizontal .250" Quick Connect
M 3mm Screw
S #8-32 Screw

Fittings/Stuffing Box

C 1/4" NPT
D 3/8" NPT
E Stuffing Box M9
F Stuffing Box M10
G None/Other

Horizontal (F)   2.08 [53]   .032 [1]   .25 [6]

Vertical (V)   1.74 [44]   .032 [1]   .25 [6]

Screw #8-32 (S) or 3mm(M)   2.05 [52]   .11 [3]

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