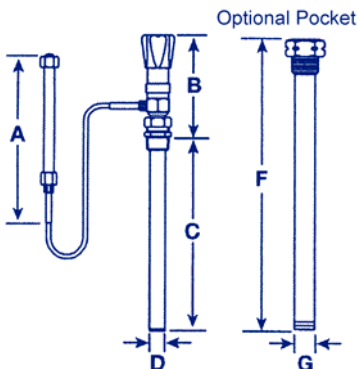


TEMPERATURE CONTROLS

SA12 Range

SPIRAX SARCO SELF-ACTING CONTROLLERS



Part No SA12 Range BRASS SELF-ACTING TEMPERATURE CONTROLLERS

MODEL	SA121	SA1219	SA128
A	275	350	275
B	185	185	185
C	310	310	178
D	25	25	25
F	333	333	276
G	28	28	28
CAPPILLARY LENGTH*	2 meters	2 meters	2 meters

* Also available with 4, 8 & 20 meter lengths

This range of self-acting temperature controllers are used in conjunction with control valves (**See Data Sheet No. 18.02 for full details**) and are ideal for systems demanding rugged reliability and are low maintenance. They are particularly suited to harsh or hazardous environments.

A change in temperature at the sensor will cause the liquid filling to expand or contract. If the liquid expands it will apply a force on the thrust pin which, in turn, will cause the control valve plug to move. As liquid contracts the force on the control valve plug reduces and a spring reverses its direction of travel.

MATERIALS	
Sensor	Brass
Actuator	Brass
Capillary Tube	PVC Covered Copper
Adjustment Head	Polypropylene

Optional Extras

Pocket for indirect immersion.*
Union Kit for direct immersion.
Bracket for duct fixing.
Bracket for wall mounting.

* Available in copper or stainless steel.

Features & Benefits

- Self-acting.
- Accurate & reliable.
- Virtually maintenance free.
- Intrinsically safe operation.
- Easy to install.

Temperature Ranges

SA121 & SA1219 :-

Range 1 :- -15°C to 50°C.
Range 2 :- -40°C to 105°C.
Range 3 :- -95°C to 160°C.

SA128 :-

Range 1 :- -20°C to 110°C.
Range 2 :- -40°C to 170°C.

Other configurations are available as shown below.
Please contact sales for details.

