



## SELF ACTING TEMPERATURE CONTROL VALVE

CLORIUS Temperature Control Valve is designed for the control of temperature for heating or cooling application in the industrial process, marine installation and etc.

### CONTROL VALVES

**MODEL: L1S, L2S, M1F, M1FB, M2F, M2FR, M3F, G1F**

Size Range : DN 15 to DN 300 (1/2" to 12")  
 Valve Type : 2-way and 3-way  
 Design Construction : Single seated, single seated pressure balanced and double seated designed  
 Connection : Threaded End, Flanged End DIN PN16, PN25, PN40

### Operating Conditions

Gun Metal and Cast Iron Valves (PN16)

2-way valve up to 225°C

3-way valve up to 120°C

Nodular Cast Iron Valves (PN25)

2-way valve up to 300°C

3-way valve up to 120°C

Cast Steel Valves (PN40)

2-way up to 350°C

3-way up to 350°C

### ELECTRIC MOTOR TYPE AVM 234S / AVM 321 / AVF 234S

The valve electric motor is an alternative actuation others than the thermostat. It can be install to the control valve without any modification on the actuation mounting connection.



## THERMOSTAT TYPE V

The thermostat together with a control valve constitutes the self acting temperature control valve. The thermostat consists of a sensor and capillary tube filled with liquid and an adjustable cylinder. Since the thermostat does not require auxiliary energy, it is easy and inexpensive to install.

**MODEL: V2.05, V4.03, V4.05, V4.10, V8.09 & V8.18**

Operating Torque : V2 - 200 Nm, V4 - 400 Nm, V8 - 800 Nm  
 Capillary & Sensor : Copper, Copper coated with PVC, Stainless Steel  
 Capillary Length : Standard with 3 meters  
 Optional up to maximum 21 meters  
 Adjustment Range : 0 to 60°C, 0 to 120°C, 30 to 90°C, 40 to 160°C, 60 to 120°C & others

### SAFETY THERMOSTAT TYPE SH4

Safety Thermostat is an on/off actuator which used together with a valve to protect secondary piping installation in the heat exchangers system, whereby the regulating valve will also serve as a safety valve.

# CLORIUS DENMARK



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