

Pneumatic Thermostats

Type PT105 and PT106

6.7.02-A

GB-1

Characteristics

- PT105 - direct acting
- PT106 - revers acting.
- Proportional acting with bimetal sensor
- Very robust and reliable construction
- Together with control valves a complete temperature control loop can be made.

Applications

The pneumatic temperature controllers are used for controlling the temperature in heating, ventilation and industrial systems.

Function

PT105 is direct acting. Rising temperature - increases output signal.

PT106 is revers acting. Rising temperature - decreases output signal.



Technical data

Materials:

- Sensor tube Stainless steel AISI 316
- Other parts Chromium-plated brass and stainless steel

Connection 1/2" ISO R7/1

Proportionalband 4% (+/- 2% of temperature range)

Air supply 1.5 bar (max. 3 bar) instrument air free of oil, water and particles (<30µm)

Control air (outlet) 0.2 - 1 bar (3-15 PSI)

Stationary air consumption 2 NI/min

Air connection 1/8" ISO R7/1

Sensor length 275 mm, Ø12 mm

Temperature range 0° to +100°C

50° to +150°C
-10° to +90°C