

TEMPERATURE TRANSMITTERS

PT100 TEMPERATURE SENSOR

Temperature
Measurement & Monitoring



DESCRIPTION

The PT100 temperature sensor has a resistance of 100 ohms at 0°C, the principle of operation is to measure the resistance of a platinum element. The elements exclusively made of ceramic and platinum have excellent stability even at high temperature. They are suitable for use between -70 and +400°C. Standard material for stem and fitting is SS316 stainless steel, with aluminium big head housing. Thermowell and temperature transmitter 4-20mA is available upon request.

TECHNICAL FEATURES

Input	PT100 Ohm at 0°C, 3 wires connections
Temperature element	PT100, 3-wire
Measuring range	0 to 400°C (custom range upon request)
Material	SS316 (standard) / PVC / Teflon
Head housing	Aluminum (standard) / Bakelite
Fitting	Male thread 1/2" BSP (standard) / NPT
Stem length	Custom length upon request
Stem OD	6mm (Standard) / 8mm / 12mm
Transmitter	4-20mA (Upon request)
Thermowell	Upon request

