

SM39T106 Explosion-proof temperature sensor

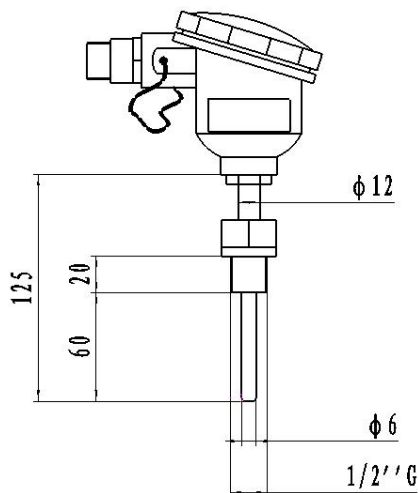
Description

The SM39T106 temperature sensor has a stainless-steel probe and an aluminum flameproof junction box, widely used for temperature measurement in thermal engineering, power, food, pharmaceutical, pressure vessel, petrochemical, and other process industries, as well as in large equipment such as ovens, plastic and fiber machines, and refrigeration units.

Characteristics:

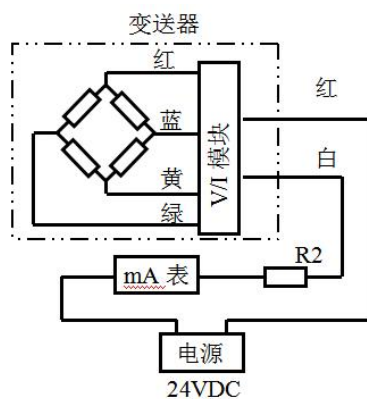
- Imported Pt100 element, fast thermal response
- Sensor shape customizable to user requirements
- Temperature range 0 – 200 ° C (tailored to application)
- Requires drilling and welding pipe; pre-install 1/4-inch threaded thermowell or boss
- Terminal block inside junction box for quick wiring
- Explosion-proof design strictly compliant with GB 3836.1-2000, GB 3836.2-2000, GB 3836.4-2000

Dimensions (In mm. 1mm=0.03937 inches)



Circuit Diagram :

Two-wire output: power supply polarity-free



Specification :

Type	Technical parameters
Nominal load range	0~200℃
output signal	4~20mA
Class precision	0.5%FS
load resistance	250~1400 Ω (as the supply voltage changes)
Power supply	24VDC
insulation resistance	≥2000M Ω
The installation interface	G1/2"
The probe size	Φ 6×60 (Customizable)
Protection type	IP65 (IEC60529)
explosion-proof sign	Ex d IIC T4 Gb
Explosion-proof number	CE13.1220