

SM39TCD Explosion-proof split type temperature transmitter

Description

SM39TCD split-type temperature sensor features 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.

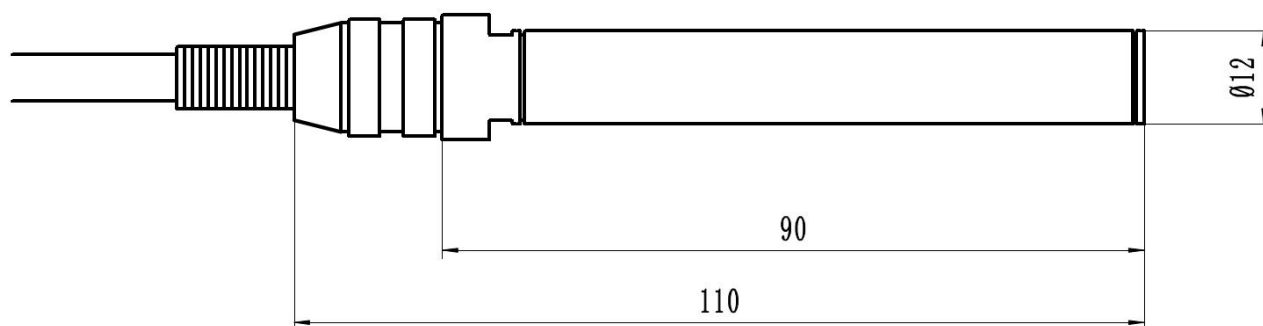


Characteristics:

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

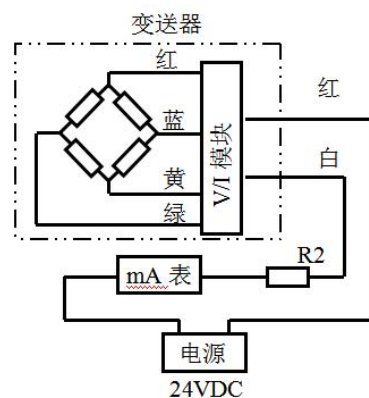
Dimensions

(In mm. 1mm=0.03937 inches)



Circuit Diagram :

Two-wire output: power supply polarity-free



Specification:

Type	Technical parameters
Nominal load range	-30~50℃
output signal	4~20mA
Class precision	0.5%FS
Zero Balance	≤0.1%FS
Power supply	24VDC
temperature compensation	-10~65℃
Operating temperature	-40℃≤Tamb≤+65℃
Material material	cast aluminium
Protection type	IP66 (IEC60529)
explosion-proof sign	Ex d IIC T4 Gb
Explosion-proof number	CE13.1220
Cable length	7.5m