

# TEMPERATURE MEASUREMENT

## FDWSS Bimetal Thermometer

### Product Overview

FDWSS series bimetal thermometers are based on bimetallic sheets wound into a ring shape. When one end is heated and expanded, it drives the pointer to select, and the working instrument displays the temperature value corresponding to the thermoelectric potential, which can directly measure various liquid and gas media. and the temperature of the solid surface. The product is easy to use and has various structural forms, which can meet the temperature measurement requirements of various fields in the fields of petroleum, chemical industry, metallurgy, power station, light industry, and shipbuilding.



### Main Feature

- ◆ On-site temperature display, intuitive and convenient
- ◆ Safe and reliable, long service life
- ◆ Variety of structural forms to meet the requirements of different occasions

### Technical Index

Item	Technical Parameters
Measuring Range	-80℃ ~ 40℃ , -40℃ ~ 80℃ , 0℃ ~ 200℃ , 0℃ ~ 500℃ .etc (optional)
Accuracy	1.0、 1.5 ( Optional )
Response time	≤ 40s
Ambient temperature	-40℃ ~ 80℃ ( open field )
Probe length	100mm ~ 2000mm
Protection tube diameter	φ 6 、 φ 12、 φ 16
Protection tube material	SS304,SS316,SS lined with PTFE, etc.
Dial Diameter	φ 60、 φ 100、 φ 150
Dial Direction	Axial type,Radial type,Adjustable type
Installation	Threaded,flanged,etc.

### Outline Drawing

