

## Temperature Transmitter

### & DESCRIPTION

The H3051WD intelligent temperature transmitter module is dedicated to high-performance HART protocol temperature transmitters. Support PT50, PT100, PT500, PT1000 and other common thermal resistance and E, J, B, K, N, R, S, T and other thermocouples. Supports the measurement of millivolt signals and resistance signals at the same time. The isolation voltage is DC1000V.

### & FEATURES

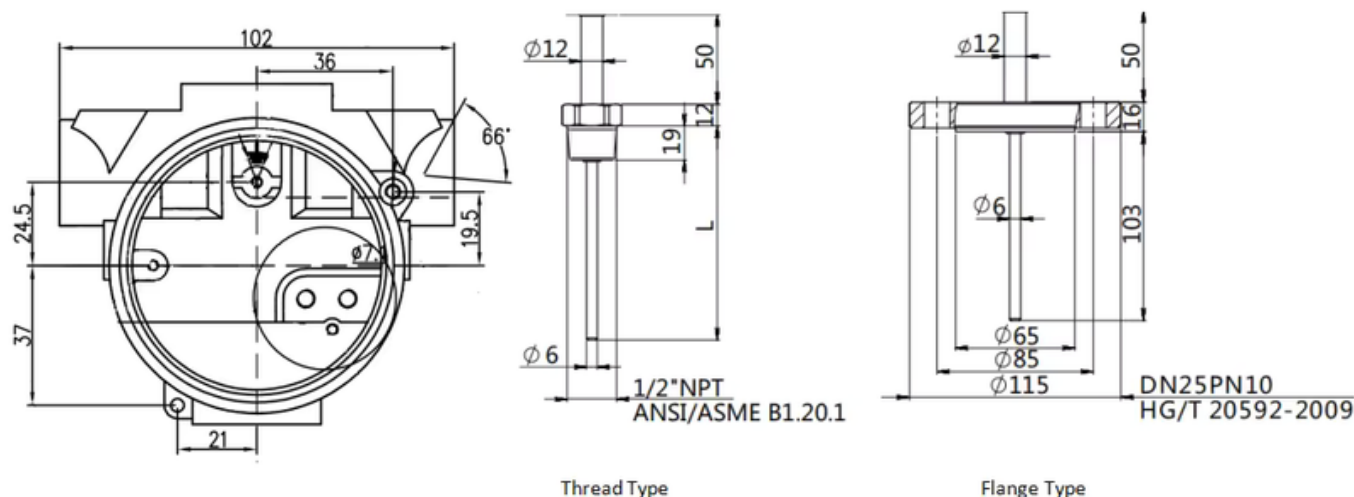
1. Suitable for different temperature transmitter
2. Compact size, integrated configuration, real time display
3. Simple operation, do not use HART communicator, zero and span adjustment
4. Range-setting, and can be realized through the keys on panel
5. Correcting precision & unit switching
6. Have self-diagnosis function, long-distance configuration

### & TECHNICAL DATA

Input signal	Resistance temperature detector (RTD) , thermocouple (TC)
Output accuracy	0.1°C(RTDO),0.5°C(EJK N T)
Output signal	4~20mA, or 4~20mA plus HART protocol
Power supply voltage	DC10~32V
Damping	0-32 seconds adjustable
Working temperature environment	-20°C~+70C
Outer diameter	Diameter: 6mm, Probe material is same as process connection material
	Diameter: 8mm, Probe material is same as process connection material



### & DIMENSIONS



## Temperature Transmitter

### & MODEL SELECTION

Name	Code	Specification
H3051WD		Temperature Transmitter
Input signal	R	Resistance temperature detector (RTD)
	T	thermocouple (TC)
Input type	P	Pt100(0°C~500°C)
	C	Cu50(0°C~150°C)
	K	K-type thermocouple (0°C~800°C)
	N	N-type thermocouple (0°C~800°C)
	E	E-type thermocouple (0°C~600°C)
	J	J-type thermocouple (0°C~500°C)
	T	T-type thermocouple (0°C~350°C)
Output signal	S	4-20mA
	H	4-20mA HART
Shell	A	Without display
	B	With display
Installation	T	Thread connection
	F	Flange connection
Insertion length	100mm	According to customer requirements.