

LEFOO

LFW22 SERIES
TEMPERATURE SENSOR

Product operation manual



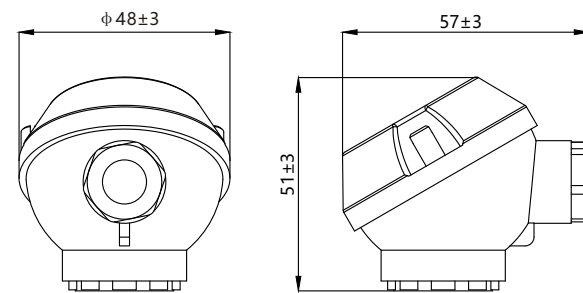
PARAMETERS AND DIMENSIONS

TECHNICAL PARAMETER

Measuring medium	Liquid or gas, etc. (compatible with contact materials)
Measuring range	-50~450°C(PT100、PT1000)、-50~200°C(NTC10K、NTC20K)
Output signal	PT1000,±0.2°C@0°C、PT100,±0.2°C@0°C NTC20K,±0.3°C@25°C、NTC10K,±0.3°C@25°C
Working environment	-40~85°C, 0~95%RH (No condensation)
Housing material	Die-cast aluminum housing, 304 stainless steel probe rod and casing
Protection level	IP65. Note: this protection level refers to the level achieved after the electrical connection is complete.

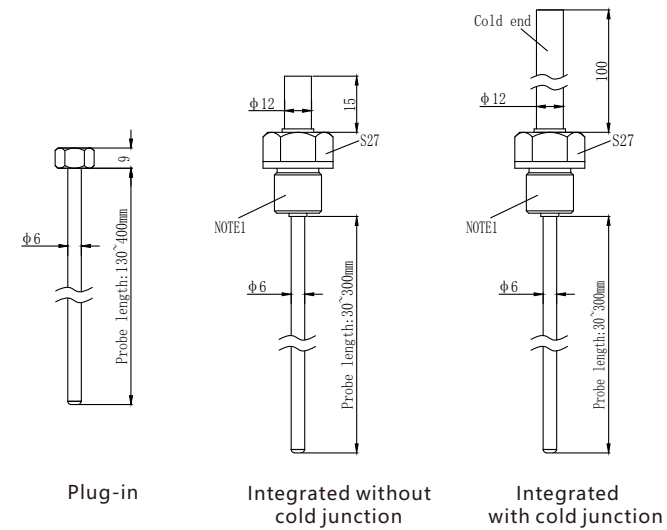
DIMENSION(MM)

Housing:



01

Probe:



02

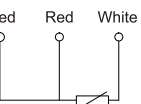
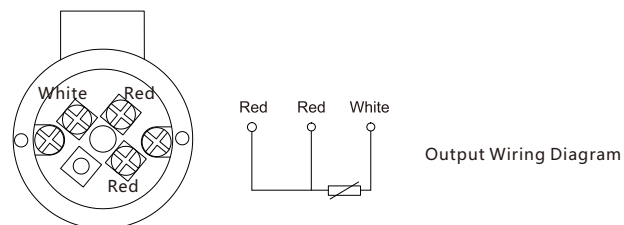
NOTE 1:

Thread Size		
Thread Spec	M27*2	M20*1.5
Thread Size		
Thread Spec	G1/2	G1/4
Thread Size		
Thread Spec	Chuck 50.5MM	

03

WIRING INSTRUCTION

WIRING INSTRUCTION



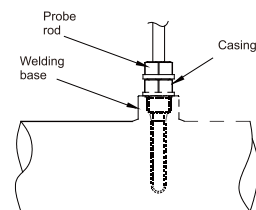
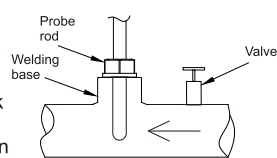
Output Wiring Diagram

04

PRECAUTIONS

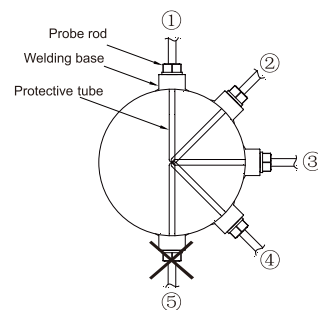
INSTALLATION PRECAUTIONS

1. In pipeline installation, it is recommended to install a stop valve before the measuring point to facilitate the maintenance and disassembly of the transmitter. In addition, it can play a role in reducing pressure shock when installing pressure measurement for the first time. After waiting for the pressure in the pipeline to stabilize, slowly open the stop valve and start measurement.



2.If conditions permit, it is recommended to install sleeve. After installing the sleeve, the transmitter can be disassembled without discharge the system pressure.

3. Equipment shall not be installed at the lowest point (⑤) of the pipe or vessel to prevent spillage of the medium. The protection tube shall be inserted to a depth of at least half the diameter of the pipe.



05