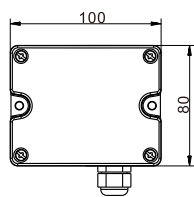


LFW10

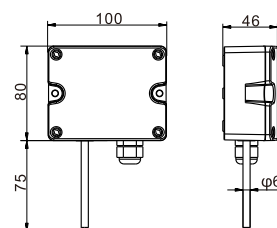
Temperature Transmitter



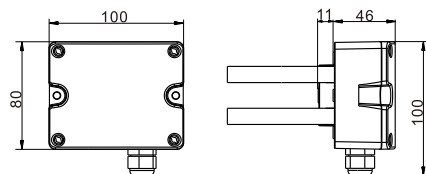
LEFOO



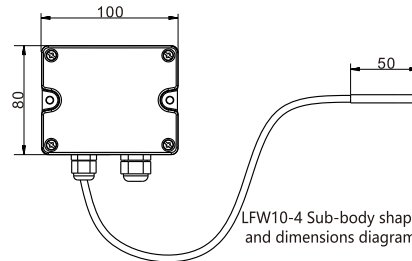
LFW10-2/LFW10-3 Dimensions of pipeline type



LFW10-1 Wall-mounted outline drawing



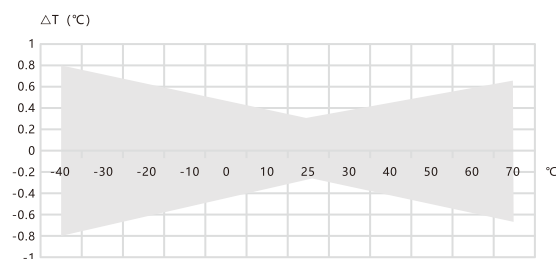
LFW10-5 Clamp type outline drawing



LFW10-4 Sub-body shape and dimensions diagram

Dimension in : mm

Temperature Accuracy Curve(Analog output model)



The LFW10 series temperature transmitter is a sensor specially designed for industrial applications. It is specially designed for lightning surge, electrostatic discharge, group pulse, pressure resistance, etc., and has strong anti-interference ability. There are five installation methods: wall mounted, airpipe/water pipe, split, and clamp. Three output modes of current, voltage, and thermal resistance are optional. Strong on-site trial installation capability. Spring screws and terminal posts are designed for quick installation. It can be widely used in computer rooms, HVAC, buildings, storage and other places where temperature measurement and control are required.

LFW10 Order Ref No

LFW10-2 - A4 1 2

A B C

Model	A Humidity range	B Temperature range	C Probe length(LFW102/103)
LFW10-1=Wall Mounted Temperature Transmitter	V0=0~10VDC(3-wire)	0=Null	0=65MM
LFW10-2=Duct Type Temperature Transmitter	A4=4~20mA(2-wire)	1=0~50°C	1=100MM
LFW10-3=Water Pipe Type Temperature Transmitter	V5=0~5VDC(3-wire)	2=-20~60°C	2=200MM
LFW10-4=Split Type Temperature Transmitter	0=PT1000, ±0.2°C@0°C	8=Others (Customer specified)	3=150MM
LFW10-5=Clamp Type Temperature Transmitter	1=PT100, ±0.2°C @0°C		8=Others(available on request)
	2=NTC20K, ±0.3°C@25°C		
	6=NTC10K, ±0.3°C@25°C		

Specification

General	Value
Sensor	High-precision thermal resistance, see selection table (resistance output type)/PT1000, Class A (analog output type)
Output	Resistance value, please refer to the selection table and thermal resistance indexing table 4~20mA or 0~10VDC, 0~5VDC
Thermal Resistance	Please check the selection table and thermal resistance indexing table
Accuracy	Typical 0.2~0.5°C@0/25°C, see Order Reference No. ±0.3°C@25°C, see Temperature Accuracy Curve for details
Power Supply	Voltage type 15~35VDC/24VAC ±20% Current type 18.5~35VDC (RL=500Ω) 8.5~35VDC (RL=0Ω)
Output Load	(Analog output type) ≤500Ω (Current type), ≥2KΩ(0~5V), ≥3KΩ(0~10V)
Housing Material	PC housing, stainless steel probe (6mm) and casing
Working Temperature	-40~70°C, 0~95%RH (Non-condensing)
Protection Grade	Ip65