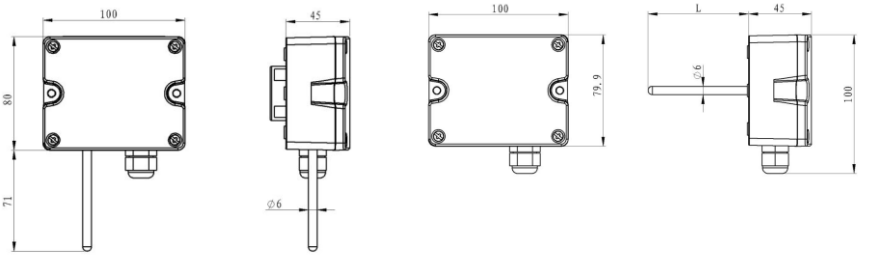
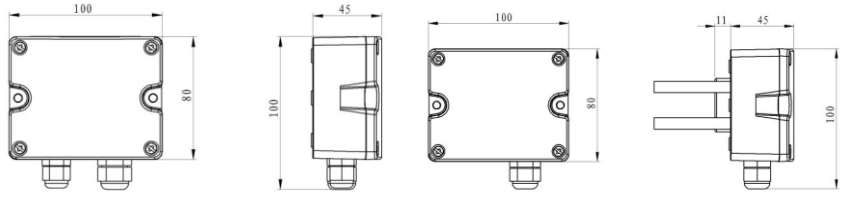
LFW10

Temperature Transmitter



LFW10-1(wall mounted)

LFW10-2/LFW10-3(ducted type)



LFW10-4(split type)

LFW10-5(clamp type)

Dimension in : mm

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 areoptional. Strong on-site trial installation capability . Spring screws and terminal posts are designed forquick installation. It can be widely used in computer rooms, HVAC, buildings, storage and other places where temperature measurement and control are required.

LFW10Series Order Ref NO

LFW102 - 2 1 2

A B C

A Temperature Output	B Temperature Range	C Probe Length LFW10-2/3
V1=0~10VDC(Three-wired)	0=NO	0=65MM
A4=4~20mA(Two-wired)	1=0~50℃	1=100MM
V5=0~5VDC(Three-wired)	2=-20~60℃	2=200MM
0=PT1000,±0.2℃ @25℃	8=Others (customer specified)	8=Others (customer specified)
1=PT100,±0.2℃ @25℃		
2=NTC20K,±0.3℃ @25℃		
3=Ni 1000,±0.5 ℃ @25 ℃		
4=NTC10K-II,±0.2℃ @25℃		
5=NTC10K-III,±0.3℃ @25℃		
6=NTC10K-A,±0.3℃ @25℃		

Specification

General	Value	
Sensor	High-precision thermal resistance,see selection table (resistance output type)/PT1000,Class A (analog output type)	
Output	Resistance, see selection table and thermal resistance indexing table / 4~20mA or0~10VDC,0~5VDC	
Thermal Resistance	See selection table and thermal resistance indexing table	
Accuracy	Typical 0.2~0.5℃@25℃, see selection table / ≤±0.3℃@0~50℃, see 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 (Φ6mm) and casing	
Working Temperature	-40~70℃,0~95%RH(Non-condensing)	
Protection Grade	Ip65	