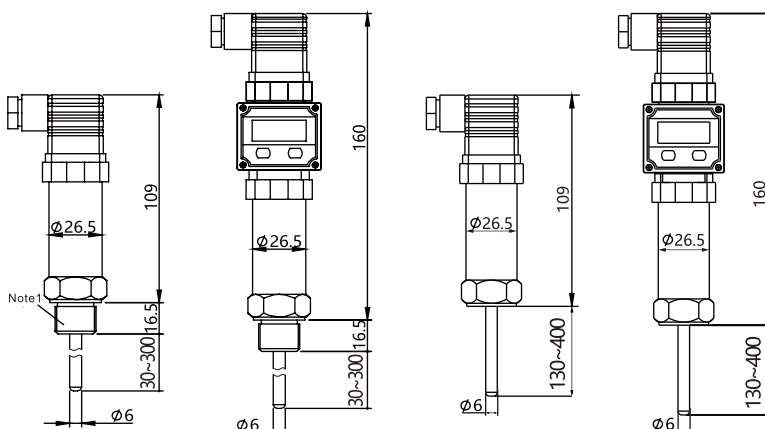


LFW21

Integrated temperature Transmitter



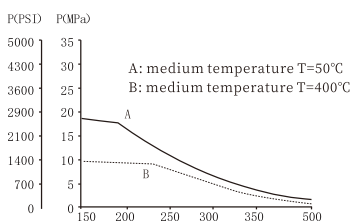
LEFOO



	Integrated Type			Direct Insert Type
Thread Size				
Thread Type	M20*1.5	G1/2	G1/4	Clamp 50.5MM

PRESSURE RESISTANCE CHARACTERISTICS

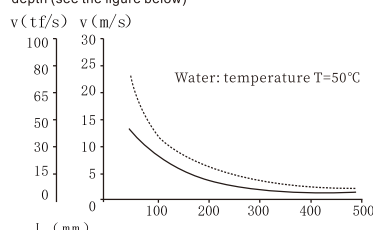
The pressure that protective tube withstand changes with the tube length (see the figure below)



Protective tube diameter 6MM, wall thickness 0.5MM, L: immersion depth, P: process pressure

MEDIUM FLOW

The maximum medium flow rate that the protective tube can withstand decreases with the increase of insertion depth (see the figure below)



Protective tube diameter 6MM, wall thickness 0.5MM, L: immersion depth V: flow rate

Dimension in : mm

LFW21 integrated Temperature Transmitter uses a high-resolution and high-precision temperature sensor as the measuring element. The amplifier circuit is located in a 304 stainless steel housing to convert the sensor signal into an analog signal output. This product is widely used in temperature measurement at industrial sites such as petroleum, chemical industry, electric power, hydrology, etc.

LFW21 Order Ref No

LFW21 A4 0 G2 0 L100 0
A B C D E F

A Temperature Output	B Temperature Range	C Installation Method	D Protective Tube	E Probe Length(excluding thread)	F Display
		Integrated Type Z=Direct Insert Type		Integrated Type Direct Insert Type	
A4=4~20mA(2-wire)	0=0~100°C	G2=G1/2 male (fixed thread installation)	0=without	L30=30mm	0=without
V10=0~10V(3-wire)	1=0~200°C	G4=G1/4 male (fixed thread installation)	1=with	L50=50mm	1=with
0=PT100,±0.2°C@0°C	2=-50~50°C	M20=M20*1.5 male (fixed thread installation)		L100=100mm	
1=PT1000,±0.2°C@0°C	3=-50~100°C	K=Clamp (50.5MM)		L150=150mm	
	4=-50~200°C			L200=200mm	
				L300=300mm	
				X=Customized	

Specification

General	Value
Measuring medium	Liquid or gas, etc. (compatible with contact materials)
Measuring range	-50~200°C (see OrderRef.No.)
Output signal	4~20mA / 0-10V / PT100 / PT1000
Supply voltage	15~33VDC
Accuracy	0.5%FS
Working environment	-40~85°C、0~95%RH(No condensation)
Shell material	304 stainless steel probe rod and casing,ABS Hirschmann connector
Protection level	Ip65 (without display).IP54 (with display) Note: The above protection level refers to the level achieved after the electrical connection is complete.