



Special characteristics

- Small size and light weight
- All stainless steel sealed structure
- Compatible with corrosive media (316L or 17-4PH)
- Excellent vibration and shock resistance
- Easy and simple installation

Features

- Accuracy: 0.5% FS
- Wide measuring range: -100kPa...0 ~ 0.6MPa...200MPa
- Multiple output signals: (4 ~ 20)mA / (0.5 ~ 4.5)V / (0 ~ 10)V / (1 ~ 5)V
- Supply voltage: 24VDC / 12VDC
- Wide temperature range with good thermal stability
- High overload pressure capacity (150% FS)

Measuring principle

The pressure transmitter uses a pressure sensitive core manufactured by glass micro-melting process. The internal dedicated integrated circuit converts the sensor millivolt signal into standard voltage, current or frequency signal, which can be directly connected to computer interface cards, control instruments, intelligent instruments or PLCs.



Recorder



Flow



Temp



Analyzer



Level



Pressure

The PF200 Pressure Transmitter is a compact and reliable pressure measurement solution. Featuring a glass micro-melting sensitive element, all-stainless steel sealed construction, and high resistance to vibration and shock, it is ideal for industrial applications requiring small size, light weight, and stable performance in corrosive environments.

Preferred areas of use are



Widely used in process control, aviation, aerospace, automotive, medical equipment, HVAC and other fields.

Material and test

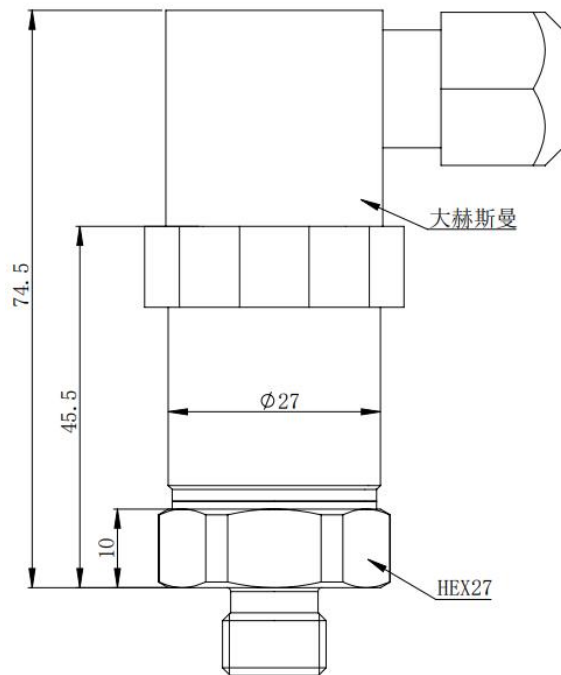


Parameters

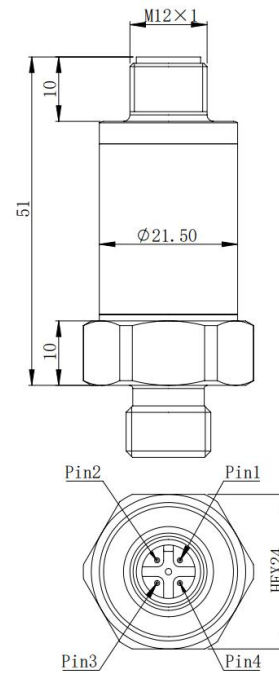
Measuring Range	-100kPa ... 0~0.6MPa ... 200MPa
Accuracy	0.5%FS
Pressure Type	Gauge pressure
Output Signals	(4~20)mA / (0.5~4.5)V / (0~10)V / (1~5)V
Power Supply	24VDC / 12VDC
Compensation Temperature	0~85 °C
Operating Temperature	-10~85 °C
Medium Temperature	-20 ~ 85 °C
Storage Temperature	-40 ~125 °C
Zero Temperature Drift	±1.5% (@-10°C ~85°C)
Full Scale Temperature Drift	±1.5% (@-10°C ~85°C)
Overload Pressure	150% FS
Long-term Stability	±0.2% FS/year
Response Time	≤1 ms (rise to 90% FS)
Ingress Protection	IP65
Insulation Resistance	≥100MΩ @250VDC
Load Resistance	250Ω (current output); >2kΩ (voltage output)

■ Dimension

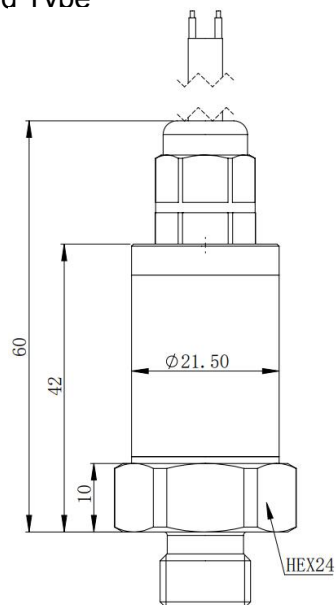
1. Hessmann type



2. M12 A-Code Connector



3. Direct-Lead Type



■ Ordering Code

FK-PF200-G-2B-K-A1-L2-K-WA-02-PA														Description
PF200	-	-	-	-	-	-	-	-	-	-	-	-	-	Pressure transmitter
Sensor Type	G													Gauge Pressure
	X													Other
Measurement Range	2B													0-1MPa
	2C													0-1.6MPa
	2D													0-2.5MPa
	2E													0-4MPa
	2H													0-10MPa
	2K													0-20MPa
	2L													0-25MPa
	2M													0-30MPa
	2N													0-40MPa
	2P													0-60MPa
	2U													0-70MPa
	2S													0-80MPa
	2Q													0-100MPa
	XX													Other
Accuracy		K												0.5 Class
Output and Power Supply		A1												Two-wire 4-20mA
		A2												1-5V, 24VDC
		A3												0-10V, 24VDC
		A4												0-5V, 24VDC
		A6												0.5-4.5V, 5VDC
		XX												Other
Process Connection		L2												M20×1.5 External Thread
		G2												G1/2 External Thread
		G1												G1/4 External Thread
		NA												NPT1/4 External Thread
		NC												NPT1/2 External Thread
		ND												NPT1/2 Internal Thread
		L1												M14×1.5 External Thread
		XX												Other
Diaphragm and Thread Type Material				K										17-4PHSS, 304SS
Electrical Interface, Enclosure Material						WA								Hirschmann Connector,

and Protection Class								304SS, IP65
	WB							Hirschmann Connector, 316LSS, IP65
	XX							Other
Cable Length/Capillary Length	02							2m
	XX							Other
Additional Functions (Optional)								
Accessories				PA				Threaded Base Carbon Steel CS
				PB				Threaded Base 304SS
				PD				Condensate Elbow 304SS