

PRESSURE TRANSMITTER

JPT-131S



★FEATURE





- * Using Straingauge sensing element for providing extremely low hysteresis and high repeatability
- * Compact size for easy installment
- * Working temperature range: 0~80°C, 0~180°C (option)

JPT-131S-LJ is able to reach the environmental protection rating up to IP65 (options).

★TYPICAL APPLICATIONS

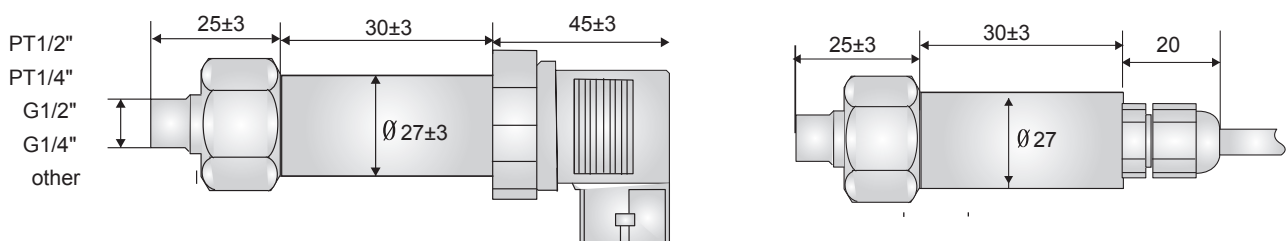
- Machine installations
- Environmental monitoring
- Water Management
- Heating and ventilation
- Industrial process control
- Food industry
- Pump and Compressors
- Refrigerant
- Level / Depth Instrumentationref
- Test and calibration systems
- Pneumatic and Hydraulic Controls
- Agricultural Chemical Controls

★SPECIFICATION

Type	Flush Diaphragm			
				
Pressure Range	0~70 bar	0~20 bar	-1~0, 0~0.1 to 0~1000 bar	
Pressure Type	Gauge		Gauge, Absolute, Compound Gauge	
Over Pressure	200%FS		200%FS	
Sensor Type	silicon oil-filled sensor		silicon oil-filled sensor	
Accuracy	±0.5% or ±0.25%		±0.5% or ±0.25%	
Output	Current	4~20mA	4~20mA	4~20mA
	Voltage	0~5V	0~5V	0~10V, 1~5V, 0~5V
Working Temp. Range	Standard	0~80°C	0~80°C	0~80°C
	Option	~180°C	---	~180°C
Ambient Temp. Range	0~85°C		0~85°C	
Stability	<=0.2%FS/year		<=0.2%FS/year	
Pressure Port	G1/2", M20*1.5	Clamp-flange interface	PT1/2", PT1/4", G1/2", G1/4"	
Power	24VDC		24VDC	

★DIMENSION

Unit : mm




ORDER INFORMATION

JPT-131S- Display - Range - Accuracy - Output - Electrical connections - Process Connector - F - Temp.

ITEM		ITEM NO.	
Display	<input type="text"/> N	CDP-18S Indicators	
		None	
Kind of pressure & Range (see :pressure range 1,2,3,4)	<input type="text"/> G	Gauge pressure	
	<input type="text"/> A	Absolute pressure	
	<input type="text"/> S	Sealed gauge	
	<input type="text"/> R	Compound pressure	
Accuracy	<input type="text"/> 050	±0.5%FSO	
	<input type="text"/> 025	±0.25%FSO	
Output	<input type="text"/> 420	4-20mA	
	<input type="text"/> 150	1-5V	
	<input type="text"/> 010	0-10V	
	<input type="text"/> 050	0-5V	
		If you order CPD-18S display(JPT-131-N), the output signal have to choose 4-20mA	
Electrical connections & Cable Length	<input type="text"/> L	DIN 43650	
	<input type="text"/> LJ	Cable outlet,Cable Legth=1.5m(Standard)	
	<input type="text"/> H- <input type="checkbox"/>	Cable Length=XX m (others on customer)	
Process connector	<input type="text"/> PT12	PT $\frac{1}{2}$ "	
	<input type="text"/> G12	G $\frac{1}{2}$ "	
	<input type="text"/> FG12	Threaded-Flush Diaphragm G $\frac{1}{2}$ "	
	<input type="text"/> PT14	PT $\frac{1}{4}$ "	
	<input type="text"/> G14	G $\frac{1}{4}$ "	
<input type="text"/> 990	Other (MOQ. 50pcs)		
Sealing materials	<input type="text"/> F	FPM	
Working Temperature	<input type="text"/> N	0~80°C	
	<input type="text"/> S	~180°C	

Pressure Range MODEL:G/S/A/R-xxx

1 \ Gauge pressure

G-xxx	Range
G-L01	0...0.1 bar
G-L02	0...0.2 bar
G-L05	0...0.5 bar
G-001	0...1 bar
G-002	0...2 bar
G-005	0...5 bar
G-010	0...10 bar
G-020	0...20 bar
G-050	0...50 bar
G-990	others on customer

2 \ Sealed gauge

S-xxxx	Range
S-100	0...100 bar
S-200	0...200 bar
S-250	0...250 bar
S-400	0...400 bar
S-600	0...600 bar
S-990	others on customer

3 \ Absolute pressure

A-xxx	Range
A-001	0...1 bar
A-002	0...2 bar
A-990	others on customer

4 \ Compound pressure

R-xxx	Range
R-000	-1...0 bar
R-001	-1...1 bar
R-002	-1...2 bar
R-005	-1...5 bar
R-010	-1...10 bar
R-020	-1...20 bar
R-050	-1...50 bar
R-100	-1...100 bar
R-990	others on customer