

PRESSURE TRANSMITTER

JPT-131



★FEATURE

- Compact size for easy installment
- Using Strain gauge sensing element for providing extremely low hysteresis and high repeatability

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

★TYPICAL APPLICATIONS

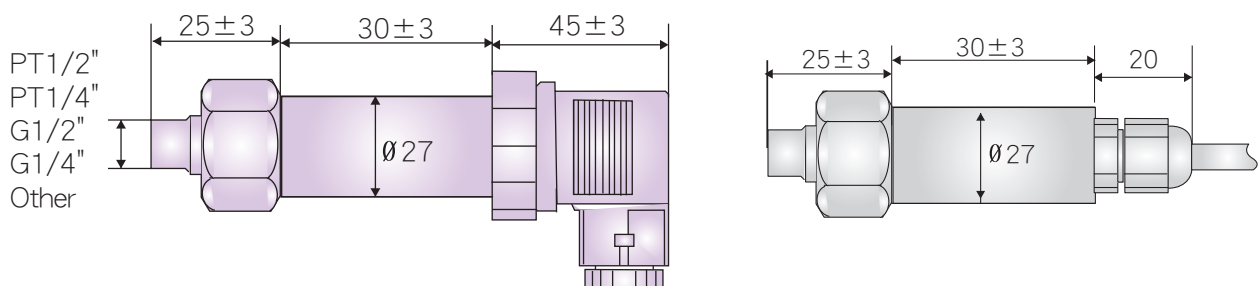
- Machine installations
- Environmental monitoring
- Water Management
- Heating and ventilation
- Industrial process control
- Food industry
- Pump and Compressors
- Refrigerant
- Level / Depth Instrumentationref
- Test and calibration systems
- Pneumatic and Hydraulic Controls
- Agricultural Chemical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

★SPECIFICATION

Pressure Range	-1.... 0~400 bar (JPT-131) \ 0...400bar (JPT-131LJ)
Over Pressure	2~600 bar
Sensor Type	Ceramic material
Accuracy	±0.5% / ±0.25%
Pressure Port	PT1/2", PT1/4", G1/2", G1/4", 7/16"-20UNF
Working Temperature	0~60°C
Working Humidity	0~95%RH
Ambient Temperature	0~55°C
Ambient Humidity	0~75%RH (non-condensation)
Power	12~32VDC
Output	4~20mA(2 wire), 0~10V(3 wire), 1~5V(3 wire), 0~5V
Load resistance	<1000 Ohm
Stability	<0.3 %FSO/year @25°C
Sensitive	<=0.3 %FSO/year @25°C

★DIMENSION

Unit : mm




ORDER INFORMATION

JPT-131- Display - Range - Accuracy - Output - Electrical connections - Process Connector - Sealing materials - F - N

ITEM		ITEM NO.	
Display	<input type="text"/> N	CDP-18S Indicators None	
Kind of pressure & Range <small>(see :pressure range 1,2,3,4)</small>	<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	1-5V	
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	PT1/2"	
	<input type="text"/> G12	G1/2"	
	<input type="text"/> 716	7/16"-20UNF	
	<input type="text"/> PT14	PT1/4"	
	<input type="text"/> G14	G1/4"	
	<input type="text"/> 990	Other (MOQ. 50pcs)	
Sealing materials	<input type="text"/> F	FPM	
Working Temperature	<input type="text"/> N	0~60°C	

If you order CPD-18S display(JPT-131-N), the output signal have to choose 4-20mA

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

1 \ Gauge pressure

G-xxx	Range
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-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-990	others on customer