

# PRESSURE TRANSMITTER

# JPT-131LJ



## ★FEATURE

- \* Using Straingauge sensing element for providing extremely low hysteresis and high repeatability
- \* Compact size for easy installment
- \* Pressure type: gauge 、 absolute
- \* Pressure range: -1~0 to 0~0.1 to 0~600 bar
- \* Load resistance:  $\leq 1000\Omega$

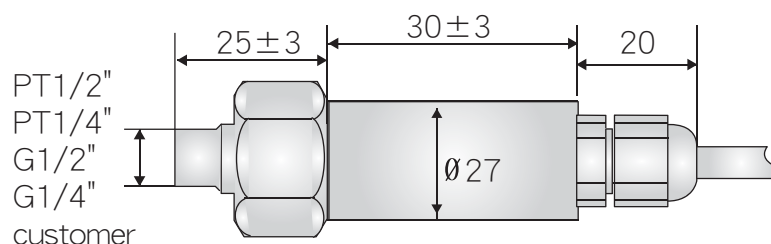
## ★TYPICAL APPLICATIONS

- 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

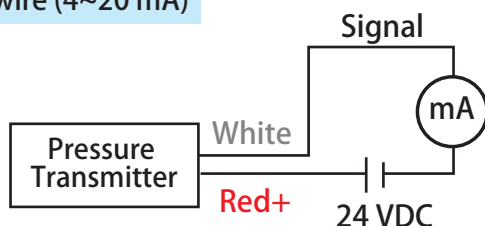
Pressure range	1	2	5	10	20	50	100	200	400	600
Over pressure	2	5	12	25	50	120	250	500	600	800
Accuracy	$\pm 0.5\%$ , $\pm 0.25\%$									
Pressure Port	PT1/4", PT1/2", G1/2", G1/4" ...									
Working temperature range	0~60°C									
Supply voltage	12~32VDC									
Output signal	4...20mA ; 0...10VDC ; 1...5VDC; 0...5VDC									
Stability	$\leq 0.3\%FS/year @ 25^\circ C$									
Sensitive	$\leq 0.3\%FS/year @ 25^\circ C$									

## ★DIMENSION Unit : mm

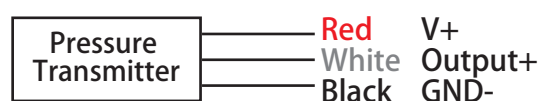


## ★ WIRING DIAGRAM

2-wire (4~20 mA)



3-wire (1~5 / 1~10 / 0~10 VDC)



## ★ ORDER INFORMATION

JPT-131-  Range -  Accuracy -  Output - LJ  Electrical connections -  Process Connector -  Sealing materials -  Temp. - N

ITEM	ITEM NO.	
Kind of pressure & Range (see :pressure range 1,2,3,4)	G	Gauge pressure
	A	Absolute pressure
	S	Sealed gauge
	R	Compound pressure
Accuracy	050	±0.5%FSO
	025	±0.25%FSO
Output	420	4-20mA
	150	1-5V
	010	0-10V
	110	1-10V
Electrical connections	H15	Cable Length=1.5m
	H-□	Cable Length=XX m (others on customer)
Process connector	PT12	PT $\frac{1}{2}$ "
	G12	G $\frac{1}{2}$ "
	716	7/16"-20UNF
	PT14	PT $\frac{1}{4}$ "
	G14	G $\frac{1}{4}$ "
Sealing materials	990	Other (MOQ. 50pcs)
	F	FPM
Working Temperature	N	0~60°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-990	others on customer