

PT372 Pressure Transducer / Pressure Transmitter



Main Features

- Better than **+/-0.5%** combined error
- **Flush diaphragm** design
- Stainless-steel sealed
- Zero and Span adjustable
- Various amplified Outputs available
- Excellent stability

PT372 series Industrial Pressure Transducer / Transmitter is designed on high performance sensing element , amplified circuit, linearization circuit and integrated construction. Are widely used in hydraulic pressure system, medical apparatus and instruments, constant-voltage water supply system, and several others.

Specifications

Range	-1 ~0~2000 bar
Accuracy	±0.25%FS, ±0.5%FS
Power Supply	10Vdc,24Vdc (9-30V)
Output	4-20mA,0-10V,0-5V,0-20mA
Repeatability	±0.2%FS
Load resistance	1000 ohms±10%
Operating Temp	-40+125°C
Overpressure	1.5×FS
Connection	DIN43650; 6 PIN; 8 PIN , Cable
Pressure Port	Flush M18×1.5, M20×1.5, G1/2, G3/4 ; special design

Order Instruction

PT372 –1C-M18-420-DIN

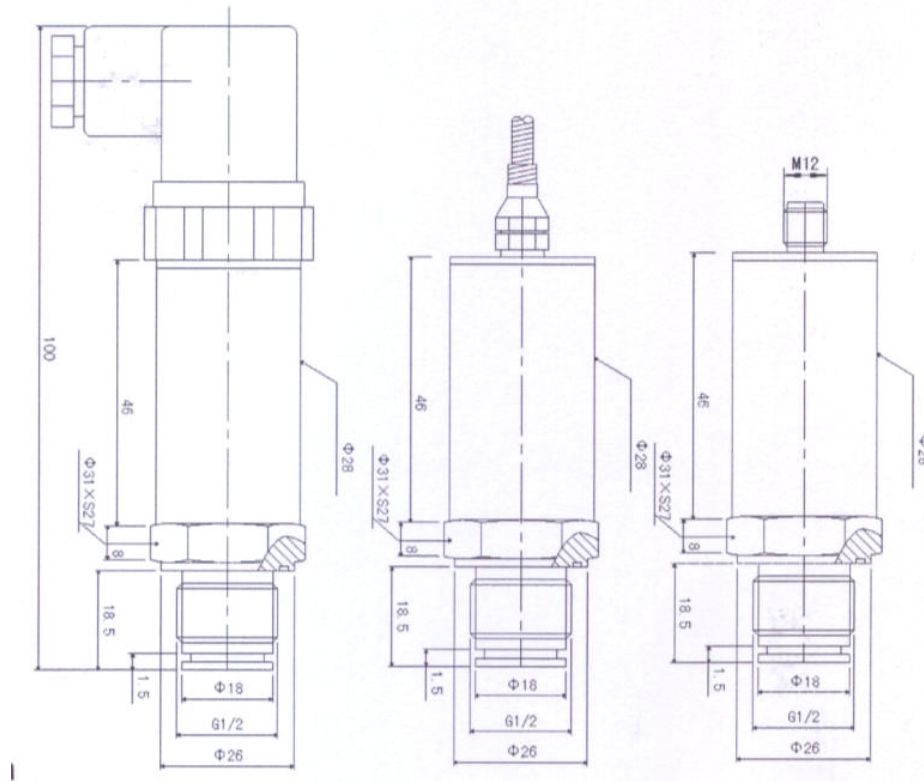
1C=100 Bar: pressure range , M18: M18x1,5 process connection

420: 4-20mA output ,

DIN: DIN43650 electronic connection

Pressure range:	50= 0- 50 bar	3,5C=0-350 bar	2M=0-2000 bar
	1C=0-100 bar	5C=0-500 bar	
	1,5C=0-150 bar	7C=0-700 bar	
	2C=0-200 bar	1M=0-1000 bar	

Dimensions



Wiring Output - Options available

Output	Function	Coloure	6PIN		Output	Function	Colour	6 PIN
Output: 3.33mV/V 0-5V; 0-10V	signal +	Blue	A		Output: 4-20mA	power+	Red	A
	signal -	White	B			Power -	Blue	B
	power +	Red	C					
	power -	Yellow	D					
Hirschman Output: 0-5V; 0-10V, 0-20mA	power+	Red	1		Hirschman Output: 4-20mA	Power+	Red	1
	signal+	Blue	2			Power -	Black	2
	power -/ signal-	White	3					
Direct lead Output: 0-5V; 0-10V	signal +	Blue			Direct lead Output: 4-20mA	power +/- signal +		Red
	signal -	Green/ White				power -/ signal -		Black
	power+	Red						
	power -	Yellow						
M12 connector Output: 0-5V; 0-10V	power+	Red	1		M12 connector Output: 3.33mV/V 0-5V; 0-10V	power+/ signal +	Red	1
	signal +	Blue	3			power-/ signal -	Black	3
	power -/ signal -	White	4					