

PT210/PT210B series pressure transducer/transmitter



Features & Applications

Combined Error less than $\pm 0.5\%$

Stainless-steel sealed

Small volume, OEM available

Excellent stability & repeatability

Adopted high-performance sensor chip, PT210/210B series pressure transducer/transmitter with high performance, small volume and integrated construction are widely used in hydraulic pressure system, medical apparatus and instruments, constant-voltage water supply system, etc.

Specification

Range	-100KPa~0KPa~2000bar
Accuracy	$\pm 0.25\%FS$, $\pm 0.5\%FS$
Excitation voltage	10Vdc,24Vdc(8-36Vdc)
Output	1.5mV/V, 2mV/V, 2.5 mV/V, 3.33 mV/V,4-20mA,0-10V,0-5V,0-20mA
Repeatability	$\pm 0.2\%FS$
Load resistance	1000 ohms $\pm 10\%$
Temperature	-40°C~125°C (104°F~257°F)
Over pressure	1.5 \times FS
Electrical connection	Hirschman or Navigate connector
Process connection	G1/4, M14 \times 1.5, M18 \times 1.5,M20 \times 1.5,G3/4,special design

Electrical connection

Output signal	function	color	optional		Output signal	function	color	optional
5pin Output: mV/V 0-5V; 0-10V	signal +	Blue	1		5pin Output: 4-20mA	power +	Red	1
	signal -	White	3			power -	Blue	2
	power +	Red	2			calibration	Black	5
	power -	Yellow	4					
	calibration	Black	5					
Hirschman Output signal 3.33mV/V 0-5V; 0-10V	power +	red	1		Hirschman Output signal: 4-20mA	power +	red	1
	signal +	blue	2			power -	black	2
	power -/ signal -	white	3					
Direct lead Output signal 3.33mV/V 0-5V; 0-10V	signal +	blue			Direct lead Output signal: 4-20mA	power +/ signal +		red
	signal -	green /white				power -/ signal -		black
	power +	red						
	power -	yellow						
M12 connector Output signal 3.33mV/V 0-5V; 0-10V	power +	red	1		M12 connector Output signal: 3.33mV/V 0-5V; 0-10V	power +/ signal +	red	1
	signal -	blue	3			power -/ signal -	black	3
	power -/ signal -	white	4					

