

PT214 mV/V Pressure Transducer
PT214B V, mA Pressure Transmitter



Features & Application

Better than +/-0.5% combined error
 Flush diaphragm design、Stainless-steel sealed
 Small volume, OEM available
 Zero and Span adjustable
 Various amplified signal available
 Excellent stability & interference resistance
 CE certificate

PT214/PT214B series Industrial Pressure Transducer / Transmitter , , adopts high performance chip, amplified circuit linearization disposal, 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	±0.25%FS, ±0.5%FS
Power Supply	10Vdc,24Vdc(8-36Vdc)
Output	PT214: 1.5mV/V, 2mV/V, 2.5 mV/V, 3.33 mV/V PT214B: 4-20mA,0-10V,0-5V,0-20mA
Repeatability	±0.2%FS
Load resistance	1000 ohms±10%
working temperature	-40℃~125℃ (104℉~257℉)
Overload	1.5×FS
Electronic connection	DIN43650; 6 PIN; 8 PIN
Process connection	G1/2,M18×1.5,M20×1.5,G3/4; special design

Ordering Instruction

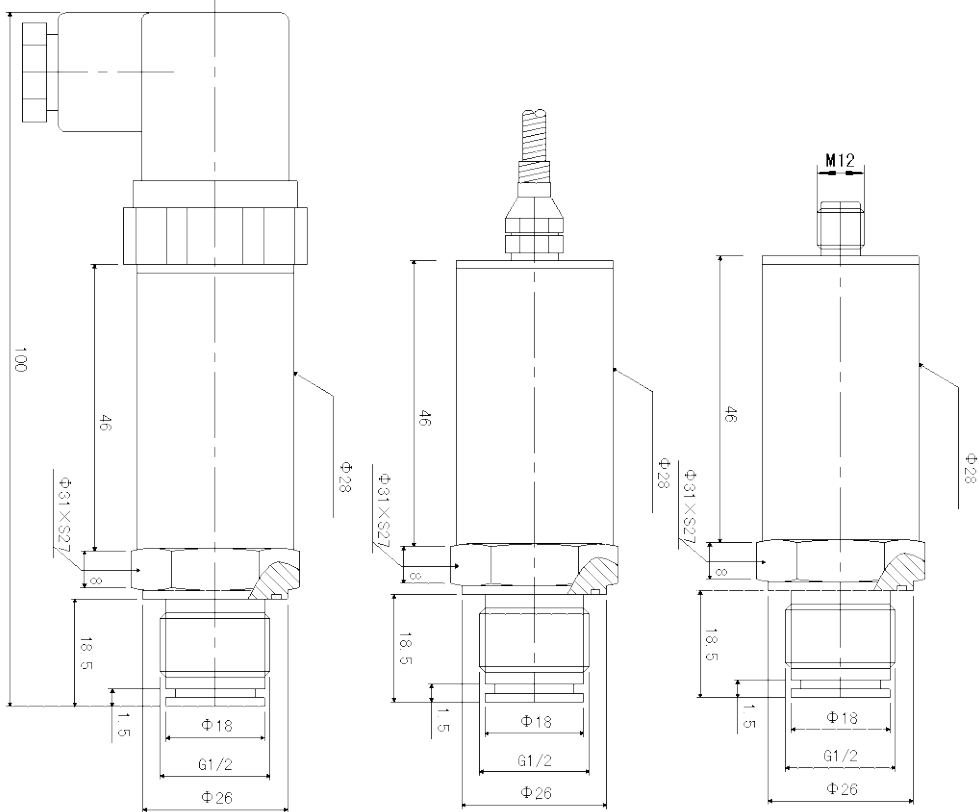
PT214B -16MPa-G1/2-4/20mA-DIN

0-16MPa: pressure range , G1/2: process connection , 4-20mA: output ,
 DIN43650: electronic connection



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Dimension



wiring diagram

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

