



## Feature

Accuracy can be 0.25% F.S  
Protection level IP65

Compact stainless steel housing package  
Multiple E-connection optional

## Application

Hydraulic and pneumatic control  
Construction machinery  
Light industry, machinery and metallurgy  
Industrial process and control

## Description

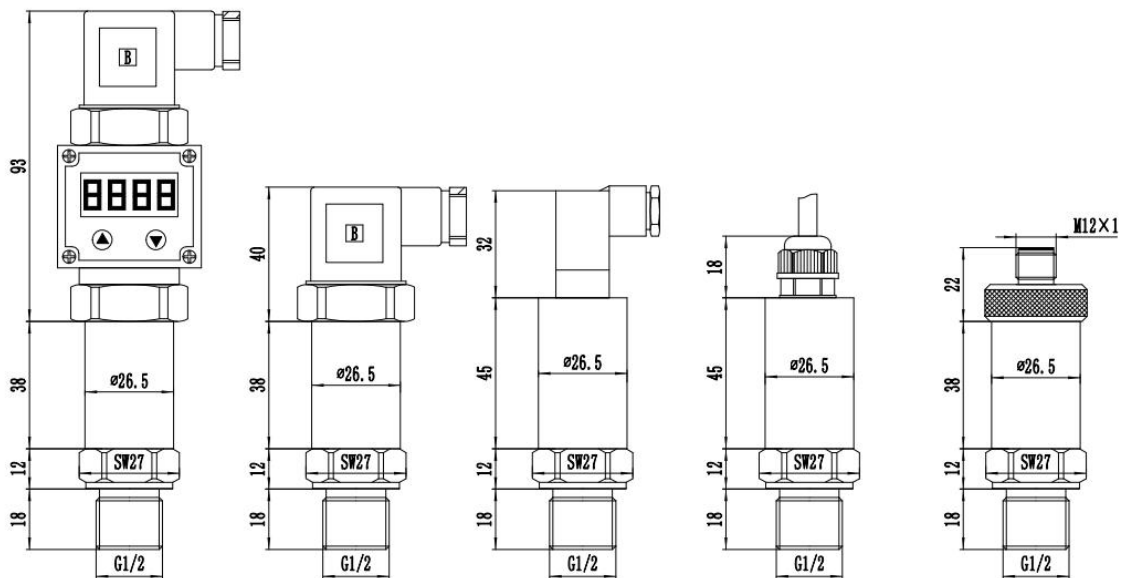
PT216series is designed and manufactured with high precision diffused silicon pressure core and precision compensation technology,It has the characteristics of wide measuring range, high precision and compact design, and is suitable for precise measurement and control of liquid and gas pressures in various fields



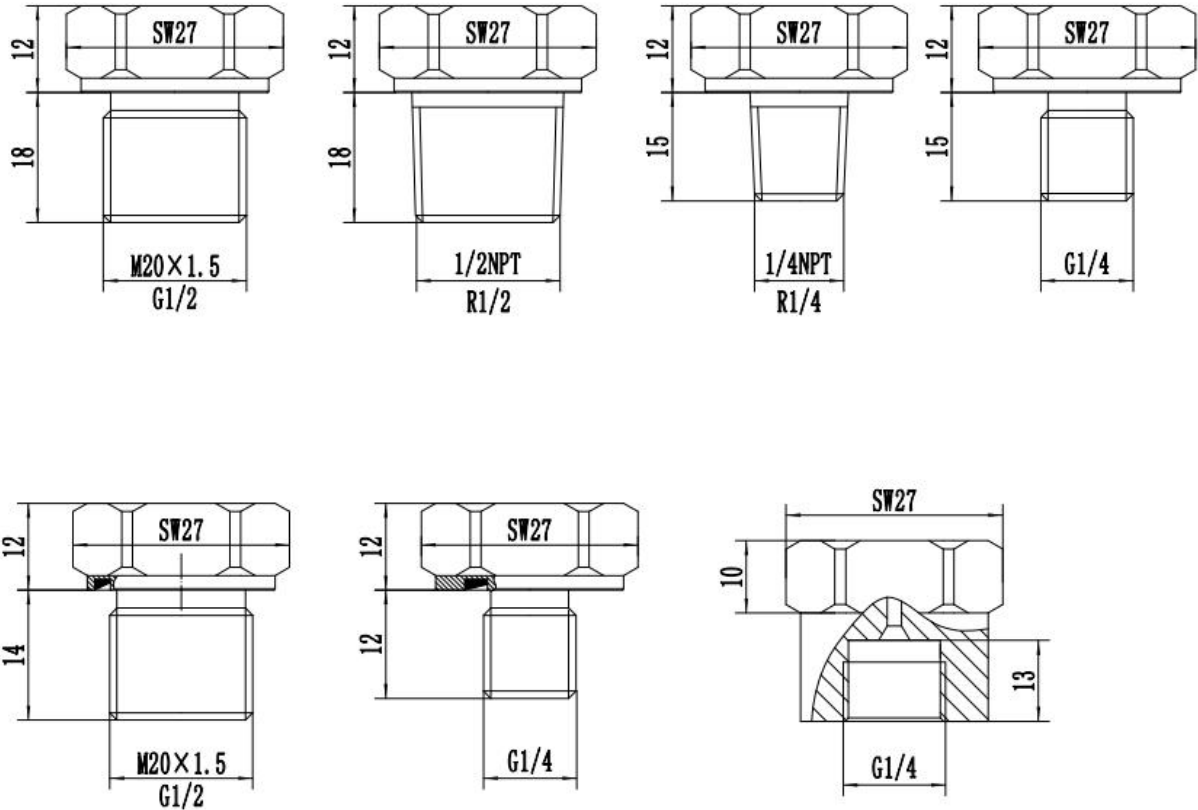
## Specification

Pressure range	-1 ~ 0bar; 0~400 bar(-100 ~ 0kPa; 0~40MPa)			
Pressure type	Gauge pressure, absolute pressure			
Accuracy	0.5% F.S; 0.25% F.S			
Electrical Performance	2-wire	3-wire 0-10V	3-wire	3-wire
Output signal	4 ~ 20 mA	0~10V	0~5V	0.5~4.5V
Power supply	6.5 ~ 32Vdc	12~32Vdc	10 ~ 32Vdc	5Vdc
Overload resistance	< (U-6.5)/0.02	> 20k	> 20k	> 20k
E-connection	M12x 1(4-pin), Hirschmann, PACK connector, water-proof connector			
Process connection	G1/4, G1/2, 1/4NPT, 1/2NPT, M20x1.5, R1/4, R1/2, G1/4 etc			
Overload pressure	1.5 times rated pressure			
Diaphragm Temp	-20 ~ 80C°			
Protection degree	IP65			
Response time	≤ 10msec			
Long term stability	0.2%FS/year			


## Dimension





## Process connection





## E-connection

Hirschmann DIN 175301-803 A			
		Current	Voltage
	U+	1/red	1/red
	0V		2/black
	S+	2/black	3/green

Hirschmann DIN 175301-803 C			
		Current	Voltage
	U+	1/red	1/red
	0V		2/black
	S+	2/black	3/green

Round connector 4-pin M12 x 1			
		Current	Voltage
	U+	1/brown	1/brown
	0V		4/black
	S+	3/blue	3/blue

Metric-Pack 150 series (3-pin)			
		Current	Voltage
	U+	B/red	B/red
	0V		A/black
	S+	A/black	C/green

Leading wire, Shielded			
		Current	Voltage
	U+	red	red
	0V		black
	S+	black	green



**Ordering guide**

<b>Series code</b>		PT216	-	X	-	X	X	-	X	-	X	-	X	-	X	-	X
<b>Pressure type</b>	Gauge pressure			G													
	Absolute pressure			A													
<b>Pressure unit</b>	bar				B												
	MPa				M												
	kPa				K												
<b>Pressure range</b>	Pressure range value x						X										
<b>Process connection</b>	G1/4						G1/4										
	1/4NPT						1/4NPT										
	G1/2						G1/2										
	M20×1.5						M20										
	R1/4						R1/4										
	R1/2						R1/2										
	1/2NPT						1/2NPT										
	G1/4 female						G1/4C										
<b>Output</b>	4 ~ 20mA							MA									
	0~10VDC							10V									
	0~5VDC							5V									
	0.5~4.5VDC							4V									
<b>E-connection</b>	Hirschmann connector (DIN 175301-803 C)								2D								
	Hirschmann connector( DIN 175301-803 A)								1D								
	M12×1 round connector 4-pin								T								
	Packard connector								PA								
	water-proof connector leading wire X meters								MX								
	Hirschmann connector with LED								3D								
	Digital LED display with alram								4D								
<b>Material</b>	SUS304 (Standard)									-							
	SUS316L									3L							
<b>Sealing way</b>	Standard end face sealing															-	
	End face sealing with damping															N	
	Taper sealing															Z	
	O-ring seal															M	
<b>Accuracy</b>	0.5% F.S																-
	0.25% F.S																2A

