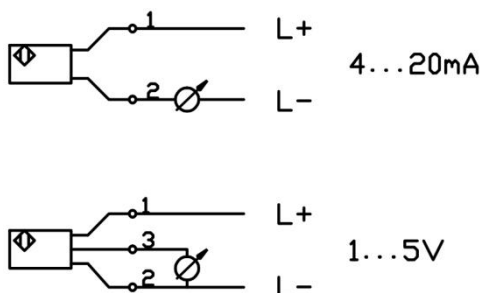




### The wiring diagram



### An overview of the

Compact diffused SILICON PRESSURE TRANSMITTER IS THE BEST choice for OEM customers with wide temperature range, compact structure, suitable for harsh environment and high reliability. Wide range (0... 60bar), can be used to measure gauge pressure, absolute pressure. Suitable for mechanical equipment, hydraulic pneumatic device, locomotive, pressure control.

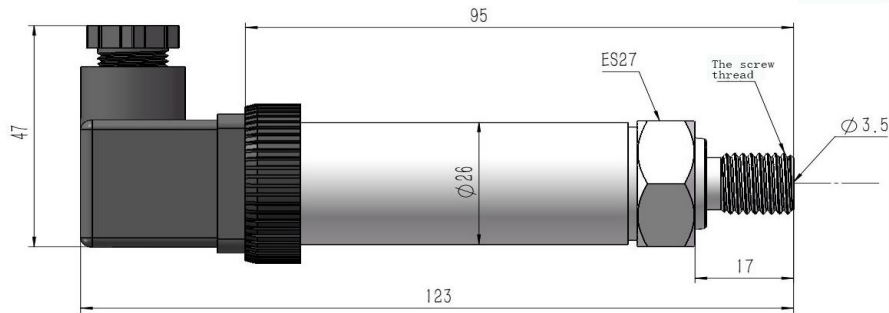
### Technical parameters

Measuring range : See the range code  
 Overload range: 10bar,4x; 600bar,2x  
 Accuracy:0.1% , 0.2% , 0.5%  
 Linearity:  $\pm 0.2\%$   
 Repeatability:  $\pm 0.1FS$   
 Stability:Better than 0.01% range per year  
 Impact of temperature:  $< \pm 0.02\%FS/K$   
 Response time:  $< 1ms(10\% \dots 90\%FS)$   
 Power supply:10...30VDC(3-wire 14...30V)  
 Load: ( UB-10)V,0.02A(4...20mA)  
 Energy consumption:Signal current (2-wire) , 8mA(3-wire)  
 Electric protection : Overload/reverse protection -  
 Ambient temperature:30...85  
 Medium temperature:-25...80  
 Storage temperature:-30...100  
 Protection class:IP65  
 Shell material:Stainless steel 304  
 Liquid material:Stainless steel 316L  
 Seal:Element fluorine rubber  
 Weight:0.10Kg  
 Electrical connection:Hersman ss sub

### Range of code

The standard range	Gage pressure code	Absolute pressure code	The standard range	Gage pressure code	Absolute pressure code
0...10mbar	GB0.01	AB0.01	0...0.15psi	GP0.15	AP0.15
0...40mbar	GB0.04	AB0.04	0...0.6psi	GP0.6	AP0.6
0...60mbar	GB0.06	AB0.06	0...1psi	GP1	AP1
0...100mbar	GB0.1	AB0.1	0...1.5psi	GP1.5	AP1.5
0...400mbar	GB0.4	AB0.4	0...6psi	GP6	AP6
0...600mbar	GB0.6	AB0.6	0...10psi	GP10	AP10
0...1bar	GB1	AB1	0...15psi	GP15	AP15
0...2bar	GB2.5	AB2.5	0...50psi	GP50	AP50
0...4bar	GB4	AB4	0...75psi	GP75	AP75
0...6bar	GB6	AB6	0...100psi	GP100	AP100
0...10bar	GB10	AB10	0...200psi	GP200	AP200
0...20bar	GB20	AB20	0...300psi	GP300	AP300
0...40bar	GB40	AB40	0...500psi	GP500	AP500
0...60bar	GB60	AB60	0...750psi	GP750	AP750
0...100bar	GB100	AB100	0...1000psi	GP1000	AP1000
0...160bar	GB160	AB160	0...2000psi	GP2000	AP2000
0...250bar	GB200	AB200	0...4000psi	GP4000	AP4000
0...400bar	GB400	AB400	0...7000psi	GP7000	AP7000
0...600bar	GB600	AB600	0...10000psi	GP10000	AP10000

Size chart



Selection table

PD50	GB1	A	G14	M4	B	detail ed
PD50						P50 universal pressure transmitter
	GB1					Range: gauge pressure 0... 1bar
		A				Precision grade0.1
		B				Precision grade0.2
		C				Precision grade0.5
			N14			Process connection threadA=NPT1/4
			N12			Process connection threadA=NPT1/2
			G14			Process connection threadA=G1/4
			G12			Process connection threadA=G1/2
			M20			Process connection threadA=M20/1.5
				M4		4...20mA
				V1		1...5V The output
					B	Electrical connection to Hersman connector

The display represents an electronic device for digital display of sensor signals, which can be set to the desired display range by setting a button

- Free programming through the processor
- No on-site Settings required
- Due to having 4... 20mA output sensor
- Protection level IP55
- Simple operation

DN10The selection

D10	A	detail ed
D10		
	A	4...20mA

