

BCS-2P Series Pressure Sensor

Overview

The BCS-2P Series Pressure Sensors can be used in central air-conditioning water systems, as well as for pressure measurement of liquids or gases in other applications, and supports multiple control signal outputs.



Features

- Oil-filled diffused silicon with high accuracy and high overload capacity
- Excellent corrosion resistance and wear resistance
- Adopts ASIC technology for digital compensation
- Compact structure
- Convenient installation and simple operation

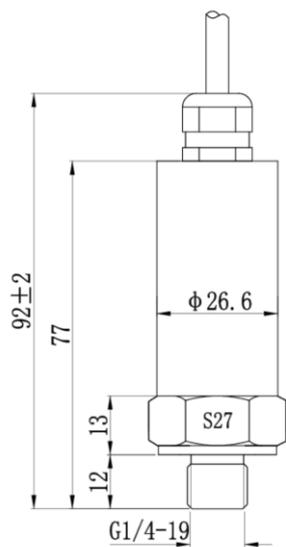
Specifications

Measuring Range	0~10Bar, 0~16Bar, 0~25Bar
Measuring Accuracy	±0.5%FS (default), ±0.25%FS (optional)
Zero Tolerance	±0.5%FS
Span Tolerance	±0.5%FS
Medium Temp.	-20°C~85°C
Compensated Temp.	-10°C~70°C
Operating Environment	-20°C~85°C
Storage Environment	-40°C~100°C
Response Time	≤6ms
Overload Pressure	1.5*FS
Burst Pressure	3*FS
Output Signal	0V~10V, 4mA~20mA, Modbus RTU (RS485)
Power Supply	
For 0V~10V output:	12~36VDC
For 4mA~20mA output:	8~36VDC
For Modbus output:	10~30VDC
Wiring	DIN43650A (Hersman Joint), M12 (Waterproof Connector) 1m extension wire
Certifications	CE, RoHS
Protection Class	IP65
Weight	NW: 201.6g, GW: 237.4g
Certifications	CE, RoHS
Material	Housing: stainless steel + PVC + PE O-ring Sealing: Fluor rubber (default)

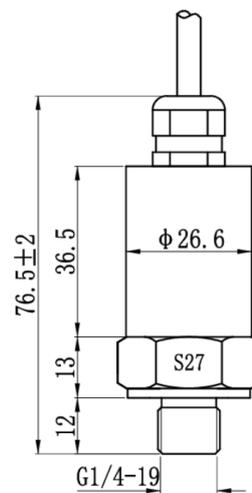
Ordering Information

Model No.	Measuring Range	Output Signal/ Protocol	Wiring	Connection	Cable Length
BCS-2P3V-1N21	0~10Bar	0V~10V	M12	G 1/4	1m
BCS-2P3V-2N21	0~16Bar				
BCS-2P3V-3N21	0~25Bar				
BCS-2P3A-1N21	0~10Bar	4mA~20mA			
BCS-2P3A-2N21	0~16Bar				
BCS-2P3A-3N21	0~25Bar				
BCS-2P3M-1N21	0~10Bar	Modbus RTU (RS485)			
BCS-2P3M-2N21	0~16Bar				
BCS-2P3M-3N21	0~25Bar				
BCS-2P3V-1N11	0~10Bar	0V~10V	DIN43650A	G 1/4	1m
BCS-2P3V-2N11	0~16Bar				
BCS-2P3V-3N11	0~25Bar				
BCS-2P3A-1N11	0~10Bar	4mA~20mA			
BCS-2P3A-2N11	0~16Bar				
BCS-2P3A-3N11	0~25Bar				
BCS-2P3M-1N11	0~10Bar	Modbus RTU (RS485)			
BCS-2P3M-2N11	0~16Bar				
BCS-2P3M-3N11	0~25Bar				

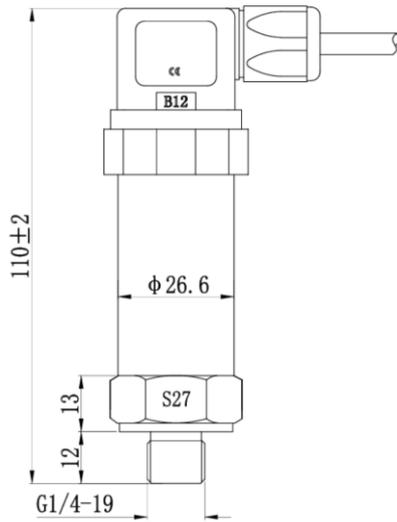
Appearance Dimensions



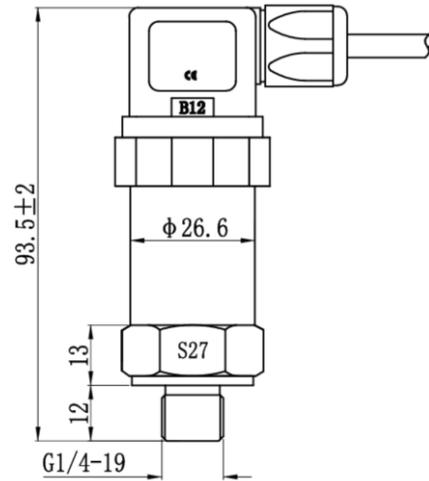
RS485 (M12)



0V~10V/4mA~20mA (M12)



RS485 (DIN43650A)



$0V \sim 10V/4mA \sim 20mA$ (DIN43650A)

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