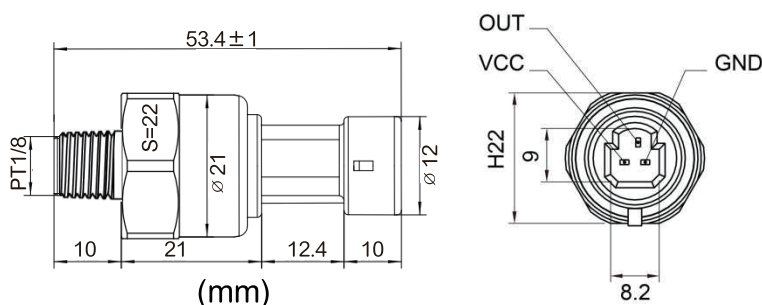


► SPECIFICATION



- Module Name: Shadow Pressure Sensor 1/8 PT
- Sensor Type: Gauge Oil Pressure Sensor
- Sensor Body Material: SUS304
- Hex Size: **22.0mm**
- Sensor Connector Material: **PBT**
- Thread Size: PT 1/8"
- Overall Weight: 37.7g

Absolute Rating

- Maximum Pressure: 10 Bar
- Storage Temperature: -40 °C ~ +135 °C
- Operating Temperature: -40 °C ~ +135 °C

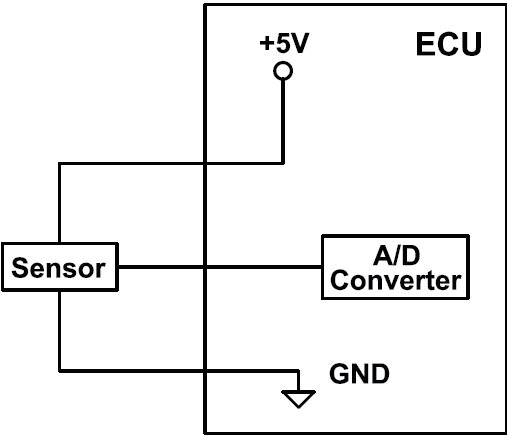
► FEATURES

- Improved accuracy at high temperature
- Easy to assemble
- High accuracy
- 1.5% maximum error over 0 °C to 85 °C
- Fully calibrated and compensated
- Temperature compensated
- From -40 °C to +125 °C

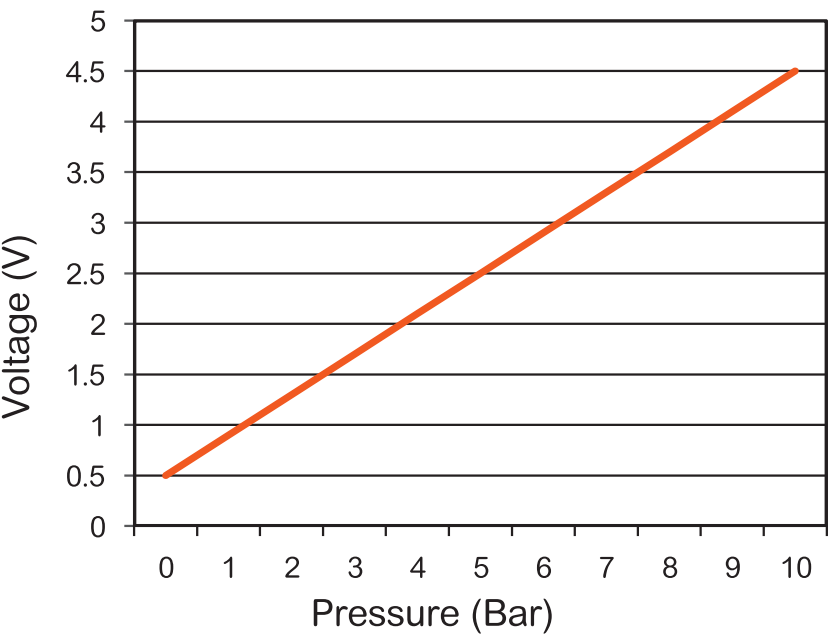
► OPERATING CHARACTERISTICS

Characteristic	Min	Typ	Max	Unit
Pressure Range	--	--	10	Bar
Supply Voltage	4.65	5.00	5.35	Vdc
Output Voltage	0.5	--	4.5	Vdc
Operating Current	--	--	3	mAdc
Burst Pressure	--	300	--	%FS
Accuracy (0 to 85 °C)	--	--	± 1.5	%Vfss
Response time	--	--	10	ms

Circuit Schematic



Output Correspondence Table



Pressure (Bar)	0	1	2	3	4	5	6	7	8	9	10
Voltage (V)	0.5	0.9	1.3	1.7	2.1	2.5	2.9	3.3	3.7	4.1	4.5

When the product needs to be repaired, please collect the product body and accessories and return them to the original place of purchase.



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