SS110 Series TO-5 Housing Pressure Sensor Element

Application

1,Air pressure control
2,Physiology guarding
3,Communication system
4,Medicine equipment, blood-pressure meter
5,Pressure calibrator 6,Aviation and spaceflight

Feature

1,Low cost, Compact size
2,High accuracy, High reliability.
3,Constant current power supply
4, Absolute, Gauge pressure is optional
5,Wider temperature compensation range
6,Measure non-conductive,non-corrosive gas or liquid

Performance & Parameters

Power Supply	1.5 mADC
Span Output	~100mV
Zero Output	±2 mVDC
Accuracy	0.5%; 1%
Measuring Range(Absolute)	-100KPa~0~35KPa…2.5MPa
Overload	1.5*FS
Temperature Compensation	
Operating Temperature	-40~125°C
Input Impedance	4 KΩ~6 KΩ
Zero Thermal Error	±0.02%FS/°C
Span Thermal Error	±0.02%FS/°C

Construction

Pressure port	Stainless Steel
Sensor	Gold,Aluminum,Silicon,Pyrex
Electric connection	Kovar pin
Diameter	Ø9.4mm
Height	7.0mm
Net weight	~2g

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Dimensions

Connections

Pin	Function	Drawing
1	Supply +	
2	Output +/Output -	
3	Supply -	
4	Supply -	
5	Output -/Output +	

Ordering Guide

Model	Pressure Range	Power Supply	Output Signal	Pressure Port	Electric Connection	Accuracy	Other
SS110		----	----	----			---
SS110	0~1Mpa					1%	

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