



SDP1000-R Information



For Reference Only

Part Number SDP1000-R **Manufacturer** Sensirion AG

Category Sensors, Transducers

Pressure Sensors, Transducers

Description SENSOR PRESSURE DIFF MODULE

Package Module

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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SDP1000-R Specifications

Manufacturer Part NumberSDP1000-RManufacturerSensirion AGCategorySensors, TransducersPackageModuleSeriesSDP1000Pressure TypeDifferentialOperating Pressure-0.003 PSI ~ 0.072 PSI (-0.02 kPa ~ 0.5 kPa)Output TypeAnalog VoltageOutput0.25 V ~ 4 VAccuracy±0.3%Voltage - Supply4.75 V ~ 5.25 VPort SizeMale - 0.2" (5.2mm) Tube, DualPort StyleBarbedFeaturesTemperature CompensatedTermination Style-Maximum Pressure14.5 PSI (100 kPa)Operating Temperature-10°C ~ 60°CPackage / CaseModuleSupplier Device PackageModule		
Category Sensors, Transducers Package Module Series SDP1000 Pressure Type Differential Operating Pressure -0.003 PSI ~ 0.072 PSI (-0.02 kPa ~ 0.5 kPa) Output Type Analog Voltage Output 0.25 V ~ 4 V Accuracy ±0.3% Voltage - Supply 4.75 V ~ 5.25 V Port Size Male - 0.2" (5.2mm) Tube, Dual Port Style Barbed Features Temperature Compensated Termination Style - Maximum Pressure 14.5 PSI (100 kPa) Operating Temperature -10°C ~ 60°C Package / Case Module Supplier Device Package Module	Manufacturer Part Number	SDP1000-R
PackageModuleSeriesSDP1000Pressure TypeDifferentialOperating Pressure-0.003 PSI ~ 0.072 PSI (-0.02 kPa ~ 0.5 kPa)Output TypeAnalog VoltageOutput0.25 V ~ 4 VAccuracy±0.3%Voltage - Supply4.75 V ~ 5.25 VPort SizeMale - 0.2" (5.2mm) Tube, DualPort StyleBarbedFeaturesTemperature CompensatedTermination Style-Maximum Pressure14.5 PSI (100 kPa)Operating Temperature-10°C ~ 60°CPackage / CaseModuleSupplier Device PackageModule	Manufacturer	Sensirion AG
PackageModuleSeriesSDP1000Pressure TypeDifferentialOperating Pressure-0.003 PSI ~ 0.072 PSI (-0.02 kPa ~ 0.5 kPa)Output TypeAnalog VoltageOutput0.25 V ~ 4 VAccuracy±0.3%Voltage - Supply4.75 V ~ 5.25 VPort SizeMale - 0.2" (5.2mm) Tube, DualPort StyleBarbedFeaturesTemperature CompensatedTermination Style-Maximum Pressure14.5 PSI (100 kPa)Operating Temperature-10°C ~ 60°CPackage / CaseModuleSupplier Device PackageModule	Category	Sensors, Transducers
Series SDP1000 Pressure Type Differential Operating Pressure Output Type Analog Voltage Output 0.25 V ~ 4 V Accuracy ±0.3% Voltage - Supply 4.75 V ~ 5.25 V Port Size Male - 0.2" (5.2mm) Tube, Dual Port Style Barbed Features Temperature Compensated Termination Style Maximum Pressure 14.5 PSI (100 kPa) Operating Temperature 1-10°C ~ 60°C Package / Case Module Supplier Device Package Module		Pressure Sensors, Transducers
Pressure TypeDifferentialOperating Pressure-0.003 PSI ~ 0.072 PSI (-0.02 kPa ~ 0.5 kPa)Output TypeAnalog VoltageOutput0.25 V ~ 4 VAccuracy±0.3%Voltage - Supply4.75 V ~ 5.25 VPort SizeMale - 0.2" (5.2mm) Tube, DualPort StyleBarbedFeaturesTemperature CompensatedTermination Style-Maximum Pressure14.5 PSI (100 kPa)Operating Temperature-10°C ~ 60°CPackage / CaseModuleSupplier Device PackageModule	Package	Module
Operating Pressure -0.003 PSI ~ 0.072 PSI (-0.02 kPa ~ 0.5 kPa) Output Type Analog Voltage Output 0.25 V ~ 4 V Accuracy ±0.3% Voltage - Supply 4.75 V ~ 5.25 V Port Size Male - 0.2" (5.2mm) Tube, Dual Port Style Barbed Features Temperature Compensated Termination Style - Maximum Pressure 14.5 PSI (100 kPa) Operating Temperature -10° C ~ 60° C Package / Case Module Module	Series	SDP1000
Output TypeAnalog VoltageOutput $0.25 \text{ V} \sim 4 \text{ V}$ Accuracy $\pm 0.3\%$ Voltage - Supply $4.75 \text{ V} \sim 5.25 \text{ V}$ Port SizeMale - 0.2 " (5.2mm) Tube, DualPort StyleBarbedFeaturesTemperature CompensatedTermination Style-Maximum Pressure $14.5 \text{ PSI } (100 \text{ kPa})$ Operating Temperature $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$ Package / CaseModuleSupplier Device PackageModule	Pressure Type	Differential
Output $0.25 \text{ V} \sim 4 \text{ V}$ Accuracy $\pm 0.3\%$ Voltage - Supply $4.75 \text{ V} \sim 5.25 \text{ V}$ Port SizeMale - 0.2 " (5.2mm) Tube, DualPort StyleBarbedFeaturesTemperature CompensatedTermination Style-Maximum Pressure $14.5 \text{ PSI (}100 \text{ kPa)}$ Operating Temperature $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$ Package / CaseModuleSupplier Device PackageModule	Operating Pressure	-0.003 PSI ~ 0.072 PSI (-0.02 kPa ~ 0.5 kPa)
Accuracy ±0.3% Voltage - Supply 4.75 V ~ 5.25 V Port Size Male - 0.2" (5.2mm) Tube, Dual Port Style Barbed Features Temperature Compensated Termination Style - Maximum Pressure 14.5 PSI (100 kPa) Operating Temperature -10°C ~ 60°C Package / Case Module Supplier Device Package Module	Output Type	Analog Voltage
Voltage - Supply A.75 V ~ 5.25 V Port Size Male - 0.2" (5.2mm) Tube, Dual Port Style Barbed Features Temperature Compensated Termination Style - Maximum Pressure 14.5 PSI (100 kPa) Operating Temperature -10°C ~ 60°C Package / Case Module Supplier Device Package Module	Output	0.25 V ~ 4 V
Port Size Male - 0.2" (5.2mm) Tube, Dual Port Style Barbed Features Temperature Compensated Termination Style - Maximum Pressure 14.5 PSI (100 kPa) Operating Temperature -10°C ~ 60°C Package / Case Module Supplier Device Package Module	Accuracy	±0.3%
Port Style Barbed Features Temperature Compensated Termination Style - Maximum Pressure 14.5 PSI (100 kPa) Operating Temperature -10°C ~ 60°C Package / Case Module Supplier Device Package Module	Voltage - Supply	4.75 V ~ 5.25 V
Features Temperature Compensated Termination Style - Maximum Pressure 14.5 PSI (100 kPa) Operating Temperature -10°C ~ 60°C Package / Case Module Supplier Device Package Module	Port Size	Male - 0.2" (5.2mm) Tube, Dual
Termination Style Maximum Pressure 14.5 PSI (100 kPa) Operating Temperature -10°C ~ 60°C Package / Case Module Supplier Device Package Module	Port Style	Barbed
Maximum Pressure14.5 PSI (100 kPa)Operating Temperature-10°C ~ 60°CPackage / CaseModuleSupplier Device PackageModule	Features	Temperature Compensated
Operating Temperature -10°C ~ 60°C Package / Case Module Supplier Device Package Module	Termination Style	-
Package / Case Module Supplier Device Package Module	Maximum Pressure	14.5 PSI (100 kPa)
Supplier Device Package Module	Operating Temperature	-10°C ~ 60°C
	Package / Case	Module
Report errors?	Supplier Device Package	Module
Report cirois.		Report errors?

SDP1000-R Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

SDP1000-R Payment Methods



















SDP1000-R Shipping Methods













If you have any question about SDP1000-R, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com