

### NPA-500B-030D Information



For Reference Only

Part Number NPA-500B-030D

Manufacturer Amphenol Advanced Sensors

Category Sensors, Transducers

Pressure Sensors, Transducers

**Description** SENSOR PRES 30PSI DIFF SMD

Package 14-SOIC Module, Top Port

For the pricing/inventory/lead time, please contact

us

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



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## **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# **NPA-500B-030D Specifications**

Manufacturer Part Number       NPA-500B-030D         Manufacturer       Amphenol Advanced Sensors         Category       Sensors, Transducers         Package       14-SOIC Module, Top Port         Series       NPA-500         Pressure Type       Differential         Operating Pressure       30 PSI (206.84 kPa)         Output Type       Analog Voltage         Output       0.5 V ~ 4.5 V         Accuracy       ±1.5%         Voltage - Supply       4.75 V ~ 5.25 V         Port Size       Male - 0.12" (3mm) Tube, Dual         Port Style       Barbed         Features       Amplified Output, Temperature Compensated         Termination Style       Gull Wing         Maximum Pressure       60 PSI (413.69 kPa)         Operating Temperature       -40°C ~ 125°C         Package / Case       14-SOIC Module, Top Port         Supplier Device Package       -         Report errors?		
CategorySensors, TransducersPackage14-SOIC Module, Top PortSeriesNPA-500Pressure TypeDifferentialOperating Pressure30 PSI (206.84 kPa)Output TypeAnalog VoltageOutput0.5 V ~ 4.5 VAccuracy±1.5%Voltage - Supply4.75 V ~ 5.25 VPort SizeMale - 0.12" (3mm) Tube, DualPort StyleBarbedFeaturesAmplified Output, Temperature CompensatedTermination StyleGull WingMaximum Pressure60 PSI (413.69 kPa)Operating Temperature-40°C ~ 125°CPackage / Case14-SOIC Module, Top PortSupplier Device Package-	Manufacturer Part Number	NPA-500B-030D
Pressure Sensors, Transducers  Package  14-SOIC Module, Top Port  Series  NPA-500  Pressure Type  Differential  Operating Pressure  30 PSI (206.84 kPa)  Output Type  Analog Voltage  Output  0.5 V ~ 4.5 V  Accuracy  ±1.5%  Voltage - Supply  4.75 V ~ 5.25 V  Port Size  Male - 0.12" (3mm) Tube, Dual  Port Style  Barbed  Features  Amplified Output, Temperature Compensated  Termination Style  Maximum Pressure  60 PSI (413.69 kPa)  Operating Temperature  -40°C ~ 125°C  Package / Case  14-SOIC Module, Top Port  Supplier Device Package	Manufacturer	Amphenol Advanced Sensors
Package 14-SOIC Module, Top Port  Series NPA-500  Pressure Type Differential Operating Pressure 30 PSI (206.84 kPa) Output Type Analog Voltage Output 0.5 V ~ 4.5 V  Accuracy ±1.5% Voltage - Supply 4.75 V ~ 5.25 V  Port Size Male - 0.12" (3mm) Tube, Dual  Port Style Barbed Features Amplified Output, Temperature Compensated Termination Style Gull Wing Maximum Pressure 60 PSI (413.69 kPa) Operating Temperature -40°C ~ 125°C Package / Case 14-SOIC Module, Top Port Supplier Device Package	Category	Sensors, Transducers
SeriesNPA-500Pressure TypeDifferentialOperating Pressure30 PSI (206.84 kPa)Output TypeAnalog VoltageOutput0.5 V ~ 4.5 VAccuracy±1.5%Voltage - Supply4.75 V ~ 5.25 VPort SizeMale - 0.12" (3mm) Tube, DualPort StyleBarbedFeaturesAmplified Output, Temperature CompensatedTermination StyleGull WingMaximum Pressure60 PSI (413.69 kPa)Operating Temperature-40°C ~ 125°CPackage / Case14-SOIC Module, Top PortSupplier Device Package-		Pressure Sensors, Transducers
Pressure Type Operating Pressure 30 PSI (206.84 kPa) Output Type Analog Voltage Output 0.5 V ~ 4.5 V Accuracy ±1.5% Voltage - Supply 4.75 V ~ 5.25 V  Port Size Male - 0.12" (3mm) Tube, Dual Port Style Barbed Features Amplified Output, Temperature Compensated Termination Style Gull Wing Maximum Pressure 60 PSI (413.69 kPa) Operating Temperature -40°C ~ 125°C Package / Case 14-SOIC Module, Top Port Supplier Device Package	Package	14-SOIC Module, Top Port
Operating Pressure  30 PSI (206.84 kPa)  Output Type  Analog Voltage  Output  0.5 V ~ 4.5 V  Accuracy  ±1.5%  Voltage - Supply  4.75 V ~ 5.25 V  Port Size  Male - 0.12" (3mm) Tube, Dual  Port Style  Barbed  Features  Amplified Output, Temperature Compensated  Termination Style  Gull Wing  Maximum Pressure  60 PSI (413.69 kPa)  Operating Temperature  -40°C ~ 125°C  Package / Case  14-SOIC Module, Top Port  Supplier Device Package	Series	NPA-500
Output Type	Pressure Type	Differential
Output $0.5 \text{ V} \sim 4.5 \text{ V}$ Accuracy $\pm 1.5\%$ Voltage - Supply $4.75 \text{ V} \sim 5.25 \text{ V}$ Port Size $\text{Male - 0.12'' (3mm) Tube, Dual}$ Port Style $\text{Barbed}$ Features $\text{Amplified Output, Temperature Compensated}$ Termination Style $\text{Gull Wing}$ Maximum Pressure $60 \text{ PSI } (413.69 \text{ kPa})$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case $14\text{-SOIC Module, Top Port}$ Supplier Device Package $-$	Operating Pressure	30 PSI (206.84 kPa)
Accuracy ±1.5%  Voltage - Supply 4.75 V ~ 5.25 V  Port Size Male - 0.12" (3mm) Tube, Dual  Port Style Barbed  Features Amplified Output, Temperature Compensated  Termination Style Gull Wing  Maximum Pressure 60 PSI (413.69 kPa)  Operating Temperature -40°C ~ 125°C  Package / Case 14-SOIC Module, Top Port  Supplier Device Package -	Output Type	Analog Voltage
Voltage - Supply  4.75 V ~ 5.25 V  Port Size  Male - 0.12" (3mm) Tube, Dual  Port Style  Barbed  Features  Amplified Output, Temperature Compensated  Termination Style  Gull Wing  Maximum Pressure  60 PSI (413.69 kPa)  Operating Temperature  -40°C ~ 125°C  Package / Case  14-SOIC Module, Top Port  Supplier Device Package  -	Output	0.5 V ~ 4.5 V
Port Size Male - 0.12" (3mm) Tube, Dual  Port Style Barbed  Features Amplified Output, Temperature Compensated  Termination Style Gull Wing  Maximum Pressure 60 PSI (413.69 kPa)  Operating Temperature -40°C ~ 125°C  Package / Case 14-SOIC Module, Top Port  Supplier Device Package -	Accuracy	±1.5%
Port Style Barbed  Features Amplified Output, Temperature Compensated  Termination Style Gull Wing  Maximum Pressure 60 PSI (413.69 kPa)  Operating Temperature -40°C ~ 125°C  Package / Case 14-SOIC Module, Top Port  Supplier Device Package -	Voltage - Supply	4.75 V ~ 5.25 V
Features Amplified Output, Temperature Compensated  Termination Style Gull Wing  Maximum Pressure 60 PSI (413.69 kPa)  Operating Temperature -40°C ~ 125°C  Package / Case 14-SOIC Module, Top Port  Supplier Device Package -	Port Size	Male - 0.12" (3mm) Tube, Dual
Termination Style  Gull Wing  Maximum Pressure  60 PSI (413.69 kPa)  Operating Temperature  -40°C ~ 125°C  Package / Case  14-SOIC Module, Top Port  Supplier Device Package  -	Port Style	Barbed
Maximum Pressure 60 PSI (413.69 kPa)  Operating Temperature -40°C ~ 125°C  Package / Case 14-SOIC Module, Top Port  Supplier Device Package -	Features	Amplified Output, Temperature Compensated
Operating Temperature -40°C ~ 125°C  Package / Case 14-SOIC Module, Top Port  Supplier Device Package -	Termination Style	Gull Wing
Package / Case 14-SOIC Module, Top Port Supplier Device Package -	Maximum Pressure	60 PSI (413.69 kPa)
Supplier Device Package -	Operating Temperature	-40°C ~ 125°C
	Package / Case	14-SOIC Module, Top Port
Report errors?	Supplier Device Package	-
		Report errors?

#### NPA-500B-030D 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.

### NPA-500B-030D Payment Methods



















# NPA-500B-030D Shipping Methods













If you have any question about NPA-500B-030D, please do not hesitate to contact us!

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