

## AMS22B5A1BHASL113N

### AMS22B5A1BHASL113N Information



For Reference Only

Part Number AMS22B5A1BHASL113N

Manufacturer Bourns Inc.

Category Sensors, Transducers

Position Sensors - Angle, Linear Position Measuring

**Description** ROTARY NON-CONTACT ANALOG SENSOR

Package -

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.









# **AMS22B5A1BHASL113N Specifications**

| Manufacturer       Bourns Inc.         Category       Sensors, Transducers         Position Sensors - Angle, Linear Position Measuring         Package       -         Series       AMS22B         For Measuring       Rotary Position         Technology       Hall Effect         Rotation Angle - Electrical, Mechanical       10° ~ 130°, Continuous         Linear Range       -         Output       Analog Voltage         Output Signal       Counterclockwise Increase         Actuator Type       Slotted Shaft         Linearity       ±0.5%         Resistance       -         Resistance Tolerance       -         Voltage - Supply       5V         Mounting Type       Panel Mount         Termination Style       Solder Lug         Operating Temperature       -40°C ~ 125°C   |   |   |
|--|---|---|
| Category  Sensors, Transducers  Position Sensors - Angle, Linear Position Measuring  Package  - Series  AMS22B  For Measuring  Rotary Position  Technology  Hall Effect  Rotation Angle - Electrical, Mechanical  Linear Range  - Output  Analog Voltage  Output Signal  Counterclockwise Increase  Actuator Type  Slotted Shaft  Linearity  ±0.5%  Resistance  Resistance  Resistance  - Resistance Tolerance  Voltage - Supply  Mounting Type  Panel Mount  Termination Style  Operating Temperature  Sensors, Transducers  Position Sensors - Angle, Linear Position Measuring  Position Sensors - Angle, Linear Position Measuring  Position Sensors - Angle, Linear Position Measuring  Linear Position Measuring  AMS22B  Rotary Position Measuring  Formination Sensors - Angle, Linear Position Measuring  Linear Position Measuring  AMS22B  Linear Position Measuring  Formination Sensors - Angle, Linear Position  Forminati | Manufacturer Part Number                | AMS22B5A1BHASL113N                                  |
| Package Series AMS22B For Measuring Rotary Position Technology Hall Effect Rotation Angle - Electrical, Mechanical Linear Range Output Analog Voltage Output Signal Counterclockwise Increase Actuator Type Slotted Shaft Linearity Esistance Linearity Esistance Resistance Resistance Tolerance Voltage - Supply Mounting Type Panel Mount Termination Style Operating Temperature  Position Sensors - Angle, Linear Position Measuring  AMS22B  AMS22B  AMS22B  AMS22B  AMS22B  Counterclockwise  Anding Voltage Countinuous  Linear Range - Counterclockwise Increase Slotted Shaft Linearity  ±0.5%  Resistance - Resistance Tolerance - Voltage - Supply Solder Lug Operating Temperature  | Manufacturer                            | Bourns Inc.   |
| Package - AMS22B For Measuring Rotary Position Technology Hall Effect Rotation Angle - Electrical, Mechanical 10° ~ 130°, Continuous Linear Range - Counterclockwise Increase Output Signal Counterclockwise Increase Actuator Type Slotted Shaft Linearity ±0.5% Resistance - CRESIANCE - | Category                                | Sensors, Transducers                                |
| Series AMS22B For Measuring Rotary Position Technology Hall Effect Rotation Angle - Electrical, Mechanical 10° ~ 130°, Continuous Linear Range - Output Analog Voltage Output Signal Counterclockwise Increase Actuator Type Slotted Shaft Linearity ±0.5% Resistance - Resistance - Resistance Tolerance - Voltage - Supply 5V Mounting Type Panel Mount Termination Style Solder Lug Operating Temperature   |   | Position Sensors - Angle, Linear Position Measuring |
| For Measuring Technology Hall Effect Rotation Angle - Electrical, Mechanical Linear Range - Output Analog Voltage Output Signal Counterclockwise Increase Actuator Type Slotted Shaft Linearity ±0.5% Resistance - Resistance Resistance 7 Voltage - Supply Mounting Type Panel Mount Termination Style Operating Temperature - 40°C ~ 125°C   | Package                                 | -   |
| Technology Rotation Angle - Electrical, Mechanical  10° ~ 130°, Continuous  Linear Range  - Output  Analog Voltage  Output Signal  Counterclockwise Increase  Actuator Type Slotted Shaft  Linearity  ±0.5%  Resistance  Resistance  -  Voltage - Supply  Mounting Type Panel Mount  Termination Style  Operating Temperature  Hall Effect  10° ~ 130°, Continuous  -  Counterclockwise  -  Counterclockwise Increase  Slotted Shaft  ±0.5%  Foliation Style  -  Voltage - Supply  Solder Lug  -  Operating Temperature  -  Hall Effect  10° ~ 130°, Continuous  -  10° ~ 125°C  | Series                                  | AMS22B  |
| Rotation Angle - Electrical, Mechanical  Linear Range  - Output  Analog Voltage  Output Signal  Actuator Type  Slotted Shaft  Linearity  Esistance  Resistance  - Resistance Tolerance  Voltage - Supply  Mounting Type  Panel Mount  Termination Style  Operating Temperature  10° ~ 130°, Continuous  -  10° ~ 120° | For Measuring                           | Rotary Position                                     |
| Linear Range  Output  Analog Voltage  Output Signal  Counterclockwise Increase  Actuator Type  Slotted Shaft  Linearity  ±0.5%  Resistance  -  Resistance Tolerance  Voltage - Supply  5V  Mounting Type  Panel Mount  Termination Style  Operating Temperature  -  Analog Voltage  Counterclockwise Increase  Slotted Shaft  ±0.5%  Panel Mount  5V  Analog Voltage  Founterclockwise Increase  Slotted Shaft  -  **O.5%  **O | Technology                              | Hall Effect   |
| Output Signal Counterclockwise Increase  Actuator Type Slotted Shaft  Linearity ±0.5%  Resistance -  Resistance Tolerance -  Voltage - Supply 5V  Mounting Type Panel Mount  Termination Style Solder Lug  Operating Temperature -40°C ~ 125°C   | Rotation Angle - Electrical, Mechanical | 10° ∼ 130°, Continuous                              |
| Output Signal  Actuator Type  Slotted Shaft  Linearity  Esistance  Resistance  Counterclockwise Increase  Slotted Shaft  ±0.5%  Resistance  Counterclockwise Increase  **Double Shaft  **Doubl | Linear Range                            | -   |
| Actuator TypeSlotted ShaftLinearity $\pm 0.5\%$ Resistance-Resistance Tolerance-Voltage - Supply $5V$ Mounting TypePanel MountTermination StyleSolder LugOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$  | Output                                  | Analog Voltage                                      |
| Linearity $\pm 0.5\%$ Resistance -  Resistance Tolerance -  Voltage - Supply 5V  Mounting Type Panel Mount  Termination Style Solder Lug  Operating Temperature $\pm 0.5\%$  | Output Signal                           | Counterclockwise Increase                           |
| Resistance - Resistance Tolerance - Voltage - Supply 5V Mounting Type Panel Mount Termination Style Solder Lug Operating Temperature -40°C ~ 125°C   | Actuator Type                           | Slotted Shaft                                       |
| Resistance Tolerance  Voltage - Supply  5V  Mounting Type  Panel Mount  Termination Style  Operating Temperature  -40°C ~ 125°C  | Linearity                               | $\pm 0.5\%$   |
| Voltage - Supply5VMounting TypePanel MountTermination StyleSolder LugOperating Temperature-40°C ~ 125°C  | Resistance                              | -   |
| Mounting Type Panel Mount  Termination Style Solder Lug  Operating Temperature -40°C ~ 125°C   | Resistance Tolerance                    | -   |
| Termination Style Solder Lug  Operating Temperature -40°C ~ 125°C  | Voltage - Supply                        | 5V  |
| Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$   | Mounting Type                           | Panel Mount   |
|  | Termination Style                       | Solder Lug  |
| Poport orrors?   | Operating Temperature                   | -40°C ~ 125°C                                       |
| Report errors?   |   | Report errors?                                      |

### **AMS22B5A1BHASL113N Guarantees**



#### **Ouality 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.

### AMS22B5A1BHASL113N Payment Methods



















## AMS22B5A1BHASL113N Shipping Methods













If you have any question about AMS22B5A1BHASL113N, please do not hesitate to contact us!

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