

AMS22S5A1BHAFL111

AMS22S5A1BHAFL111 Information



For Reference Only

Part Number AMS22S5A1BHAFL111

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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AMS22S5A1BHAFL111 Specifications

| Manufacturer Part Number AMS22S5A1BHAFL111 Manufacturer Bourns Inc. Category Sensors, Transducers Position Sensors - Angle, Linear Position Measuring Package - Series AMS22S For Measuring Rotary Position Technology Hall Effect Rotation Angle - Electrical, Mechanical 10° ~ 110°, Continuous Linear Range - Output Analog Voltage Output Signal Counterclockwise Increase Actuator Type Flatted Shaft Linearity ±0.5% Resistance - Resistance Tolerance - Voltage - Supply 5V Mounting Type Panel Mount Termination Style Solder Lug Operating Temperature -40°C ~ 125°C | | |
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| CategorySensors, TransducersPosition Sensors - Angle, Linear Position MeasuringPackage-SeriesAMS22SFor MeasuringRotary PositionTechnologyHall EffectRotation Angle - Electrical, Mechanical $10^{\circ} \sim 110^{\circ}$, ContinuousLinear Range-OutputAnalog VoltageOutput SignalCounterclockwise IncreaseActuator TypeFlatted ShaftLinearity $\pm 0.5\%$ Resistance-Resistance Tolerance-Voltage - Supply $5V$ Mounting TypePanel MountTermination StyleSolder LugOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ | Manufacturer Part Number | AMS22S5A1BHAFL111 |
| Package - Series AMS22S For Measuring Rotary Position Technology Hall Effect Rotation Angle - Electrical, Mechanical 10° ~ 110°, Continuous Linear Range - Output Analog Voltage Output Signal Counterclockwise Increase Actuator Type Flatted Shaft Linearity ±0.5% Resistance Resistance Tolerance - Voltage - Supply Mounting Type Panel Mount Termination Style Solder Lug Operating Temperature Position Sensors - Angle, Linear Position Measuring - AMS22S AMS22S AMS22S Rotary Position Analog Voltage Countinuous 10° ~ 110°, Continuous 10° ~ 110°, Continu | Manufacturer | Bourns Inc. |
| Package - AMS22S For Measuring Rotary Position Technology Hall Effect Rotation Angle - Electrical, Mechanical 10° ~ 110°, Continuous Linear Range - Counterclockwise Increase Output Signal Counterclockwise Increase Actuator Type Flatted Shaft Linearity ±0.5% Resistance 10erance - Counterclockwise Increase Resistance Tolerance - Panel Mount Termination Style Solder Lug Operating Temperature - 40°C ~ 125°C | Category | Sensors, Transducers |
| SeriesAMS22SFor MeasuringRotary PositionTechnologyHall EffectRotation Angle - Electrical, Mechanical $10^{\circ} \sim 110^{\circ}$, ContinuousLinear Range-OutputAnalog VoltageOutput SignalCounterclockwise IncreaseActuator TypeFlatted ShaftLinearity $\pm 0.5\%$ Resistance-Resistance Tolerance-Voltage - Supply5VMounting TypePanel MountTermination StyleSolder LugOperating Temperature-40°C ~ 125°C | | Position Sensors - Angle, Linear Position Measuring |
| For Measuring Rotary Position Technology Hall Effect Rotation Angle - Electrical, Mechanical Linear Range Output Analog Voltage Output Signal Counterclockwise Increase Actuator Type Flatted Shaft Linearity ±0.5% Resistance Resistance - Resistance Tolerance Voltage - Supply Mounting Type Panel Mount Termination Style Operating Temperature Rotary Position Hall Effect Rotary Position Hall Effect Rotary Position Hall Effect Related Shaft - Vountage - Panel Mount Solder Lug Operating Temperature -40°C ~ 125°C | Package | - |
| TechnologyHall EffectRotation Angle - Electrical, Mechanical10° ~ 110°, ContinuousLinear Range-OutputAnalog VoltageOutput SignalCounterclockwise IncreaseActuator TypeFlatted ShaftLinearity±0.5%Resistance-Resistance Tolerance-Voltage - Supply5VMounting TypePanel MountTermination StyleSolder LugOperating Temperature-40°C ~ 125°C | Series | AMS22S |
| Rotation Angle - Electrical, Mechanical Linear Range Output Analog Voltage Output Signal Actuator Type Flatted Shaft Linearity Esistance Resistance Resistance Voltage - Supply Mounting Type Panel Mount Termination Style Operating Temperature 10° ~ 110°, Continuous 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ 10° ~ | For Measuring | Rotary Position |
| Linear Range-OutputAnalog VoltageOutput SignalCounterclockwise IncreaseActuator TypeFlatted ShaftLinearity±0.5%Resistance-Resistance Tolerance-Voltage - Supply5VMounting TypePanel MountTermination StyleSolder LugOperating Temperature-40°C ~ 125°C | Technology | Hall Effect |
| Output Signal Counterclockwise Increase Actuator Type Flatted 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° ~ 110°, Continuous |
| Output Signal Actuator Type Flatted Shaft Linearity Esistance Resistance Counterclockwise Increase Flatted Shaft ±0.5% Resistance Counterclockwise Increase Flatted Shaft ±0.5% Resistance Counterclockwise Increase Flatted Shaft ±0.5% Resistance Passistance Passistance Counterclockwise Increase Flatted Shaft ±0.5% Resistance Passistance Passistan | Linear Range | - |
| Actuator TypeFlatted 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 Tolerance - Voltage - Supply 5V Mounting Type Panel Mount Termination Style Solder Lug Operating Temperature -40°C ~ 125°C | Actuator Type | Flatted Shaft |
| Resistance Tolerance - Voltage - Supply 5V Mounting Type Panel Mount Termination Style Solder Lug Operating Temperature -40°C ~ 125°C | Linearity | ±0.5% |
| Voltage - Supply5VMounting TypePanel MountTermination StyleSolder LugOperating Temperature-40°C ~ 125°C | Resistance | - |
| Mounting TypePanel MountTermination StyleSolder LugOperating Temperature -40° C ~ 125° C | Resistance Tolerance | - |
| Termination Style Solder Lug Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ | Voltage - Supply | 5V |
| Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ | Mounting Type | Panel Mount |
| | Termination Style | Solder Lug |
| | Operating Temperature | -40°C ~ 125°C |
| Report errors? | | Report errors? |

AMS22S5A1BHAFL111 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.

AMS22S5A1BHAFL111 Payment Methods



















AMS22S5A1BHAFL111 Shipping Methods













If you have any question about AMS22S5A1BHAFL111, please do not hesitate to contact us!

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