

## AMS22S5A1BHAFL319

### AMS22S5A1BHAFL319 Information



For Reference Only

Part Number AMS22S5A1BHAFL319

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.









# **AMS22S5A1BHAFL319 Specifications**

Manufacturer Part Number       AMS22S5A1BHAFL319         Manufacturer       Bourns Inc.         Category       Sensors, Transducers         Package       -         Series       AMS22S         For Measuring       Rotary Position         Technology       Hall Effect         Rotation Angle - Electrical, Mechanical       10° ~ 190°, Continuous         Linear Range       -         Output       Analog Voltage         Output Signal       Clockwise 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		
Category  Sensors, Transducers  Position Sensors - Angle, Linear Position Measuring  Package  - Series  AMS22S  For Measuring  Rotary Position  Technology  Hall Effect  Rotation Angle - Electrical, Mechanical  Linear Range  - Output  Analog Voltage  Output Signal  Clockwise Increase  Actuator Type  Flatted 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  Flatted Shaft   **C - 125°C**  **Transducers  **Position Sensors - Angle, Linear Position Measuring  **Position	Manufacturer Part Number	AMS22S5A1BHAFL319
Package Series AMS22S For Measuring Rotary Position Technology Hall Effect Rotation Angle - Electrical, Mechanical Linear Range Output Analog Voltage Output Signal Clockwise Increase Actuator Type Flatted Shaft Linearity Esistance Fesistance Resistance Voltage - Supply Mounting Type Panel Mount Termination Style Operating Temperature  Position Sensors - Angle, Linear Position Measuring AMS22S AMS22S AMS22S AMS22S AMS22S ANS22S Actuary Position Analog Voltage Clockwise Increase Flatted Shaft  ± 0.5% Flatted Shaft  ± 0.5%  Panel Mount Solder Lug -40°C ~ 125°C	Manufacturer	Bourns Inc.
Package - AMS22S For Measuring Rotary Position Technology Hall Effect Rotation Angle - Electrical, Mechanical 10° ~ 190°, Continuous Linear Range - Output Analog Voltage Output Signal Clockwise Increase Actuator Type Flatted Shaft Linearity ±0.5% Resistance - Resistance - Clockwise Increase Resistance Polerance - Polerance Voltage - Supply 5V Mounting Type Panel Mount Termination Style Solder Lug Operating Temperature - 40°C ~ 125°C	Category	Sensors, Transducers
Series AMS22S For Measuring Rotary Position Technology Hall Effect Rotation Angle - Electrical, Mechanical 10° ~ 190°, Continuous Linear Range - Output Analog Voltage Output Signal Clockwise Increase Actuator Type Flatted Shaft Linearity ±0.5% 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  Clockwise Increase  Actuator Type  Flatted Shaft  Linearity  ±0.5%  Resistance  Resistance  -  Resistance  7-  Voltage - Supply  Mounting Type  Panel Mount  Termination Style  Operating Temperature  Rotation Angle - Electrical, Mechanical  10° ~ 190°, Continuous  10° ~ 190°, Cont	Package	-
Technology Rotation Angle - Electrical, Mechanical  10° ~ 190°, Continuous  Linear Range  - Output  Analog Voltage  Output Signal  Actuator Type Flatted Shaft  Linearity  ±0.5%  Resistance  Resistance  - Resistance Tolerance  Voltage - Supply  Mounting Type Panel Mount  Termination Style  Operating Temperature  Hall Effect  10° ~ 190°, Continuous  - Linearity  Analog Voltage  Flatted Shaft  ±0.5%  Flatted Shaft  ±0.5%  Solder Lug  Operating 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 Tolerance  Voltage - Supply  Mounting Type  Panel Mount  Termination Style  Operating Temperature  10° ~ 190°, Continuous  - 10° ~ 10	For Measuring	Rotary Position
Linear Range  Output  Analog Voltage  Output Signal  Clockwise Increase  Actuator Type  Flatted Shaft  Linearity  ±0.5%  Resistance  -  Resistance Tolerance  Voltage - Supply  Mounting Type  Panel Mount  Termination Style  Operating Temperature  -  Analog Voltage  Clockwise Increase  Flatted Shaft  ±0.5%  Flatted Shaft  ±0.5%  Flatted Shaft  ±0.5%  Solder Lug  -  40°C ~ 125°C	Technology	Hall Effect
Output Signal Clockwise 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° ~ 190°, Continuous
Output Signal  Actuator Type Flatted Shaft  Linearity £0.5%  Resistance - Resistance Tolerance  Voltage - Supply  Mounting Type Panel Mount  Termination Style Operating Temperature  Clockwise Increase Flatted Shaft  £0.5%  Flatted Shaft  £0.5%  Panel Mount  Flatted Shaft  £0.5%  Panel Mount  5V  Panel Mount  Flatted Shaft  £0.5%  Flatted Shaft  £0.5%  £0.5%  Flatted Shaft  £0.5%  £0.5%  Flatted Shaft  £0.5%  £0.5%  Flatted Shaft  £0.5%  £0.5%  Flatted Shaft	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	Clockwise Increase
Resistance - 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  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 $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Voltage - Supply	5V
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Mounting Type	Panel Mount
	Termination Style	Solder Lug
Report errors?	Operating Temperature	-40°C ~ 125°C
T		Report errors?

### **AMS22S5A1BHAFL319** 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.

### AMS22S5A1BHAFL319 Payment Methods



















### **AMS22S5A1BHAFL319 Shipping Methods**













If you have any question about AMS22S5A1BHAFL319, please do not hesitate to contact us!

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