

## AMS22U5A1BHARL302

### **AMS22U5A1BHARL302 Information**



For Reference Only

Part Number AMS22U5A1BHARL302

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



Request a Quote

# **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.









# **AMS22U5A1BHARL302 Specifications**

Manufacturer Part Number       AMS22U5A1BHARL302         Manufacturer       Bourns Inc.         Category       Sensors, Transducers         Package       -         Series       AMS22U         For Measuring       Rotary Position         Technology       Hall Effect         Rotation Angle - Electrical, Mechanical       10° ~ 20°, Continuous         Linear Range       -         Output       Analog Voltage         Output Signal       Clockwise Increase         Actuator Type       Round 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       AMS22U         For Measuring       Rotary Position         Technology       Hall Effect         Rotation Angle - Electrical, Mechanical $10^{\circ} \sim 20^{\circ}$ , Continuous         Linear Range       -         Output       Analog Voltage         Output Signal       Clockwise Increase         Actuator Type       Round Shaft         Linearity       ±0.5%         Resistance       -         Resistance Tolerance       -         Voltage - Supply       5V         Mounting Type       Panel Mount         Termination Style       Solder Lug         Operating Temperature       -40°C ~ 125°C	Manufacturer Part Number	AMS22U5A1BHARL302
Package Series AMS22U For Measuring Rotary Position Technology Hall Effect Rotation Angle - Electrical, Mechanical Linear Range Output Analog Voltage Output Signal Actuator Type Round Shaft Linearity Resistance Resistance Resistance Resistance Voltage - Supply Mounting Type Panel Mount Termination Style Operating Temperature Position Measuring AMS22U AMS22U AMS22U AMS22U Ansier Position Measuring  AMS22U AMS22U Ansier Position Measuring  Forsition Measuring  AMS22U  AMS22U  Ansiez Position  Rotary Position Ansiez Position Ansiez Position  Ansiez Position  For 20°, Continuous  Linear Range  - Colckwise Increase  Round Shaft  ± 0.5%  Resistance For Ansiez Position Measuring  Ansiez Position Measuring  For Angle Linear Position Measuring  For Ansiez Position Measuring  Ansiez Position Measuring  For Ansiez Position Measuring  For Ansiez Position Measuring  Ansiez Position Measuring  For Ansiez Position Measuring  Ansiez Position Measuring  For Ansiez Position Measuring  For Ansiez Position Measuring  For Ansiez Position Measuring  For Ansiez Position  For Ansiez Posi	Manufacturer	Bourns Inc.
Package - AMS22U  For Measuring Rotary Position  Technology Hall Effect  Rotation Angle - Electrical, Mechanical 10° ~ 20°, Continuous  Linear Range - Coutput Analog Voltage  Output Signal Clockwise Increase  Actuator Type Round Shaft  Linearity ±0.5%  Resistance - Resistance - Coutput  Rosider - Supply 5V  Mounting Type Panel Mount  Termination Style Solder Lug  Operating Temperature - 40°C ~ 125°C	Category	Sensors, Transducers
Series AMS22U  For Measuring Rotary Position  Technology Hall Effect  Rotation Angle - Electrical, Mechanical 10° ~ 20°, Continuous  Linear Range - Output Analog Voltage  Output Signal Clockwise Increase  Actuator Type Round 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 Clockwise Increase Actuator Type Round Shaft Linearity ±0.5% Resistance - Resistance - Resistance Tolerance Voltage - Supply Mounting Type Panel Mount Termination Style Operating Temperature - Volcage - 125°C	Package	-
Technology Rotation Angle - Electrical, Mechanical  10° ~ 20°, Continuous  Linear Range  - Output  Analog Voltage  Output Signal  Actuator Type  Round Shaft  Linearity  ±0.5%  Resistance  Resistance  - Resistance Tolerance  Voltage - Supply  Mounting Type  Panel Mount  Termination Style  Operating Temperature  Hall Effect  10° ~ 20°, Continuous  -  Linearity  Analog Voltage  Round Shaft  ±0.5%  Round Shaft  ±0.5%  Solder Lug  -40°C ~ 125°C	Series	AMS22U
Rotation Angle - Electrical, Mechanical  Linear Range  - Output  Analog Voltage  Output Signal  Actuator Type  Round Shaft  Linearity  Esistance  Resistance  - Resistance Tolerance  Voltage - Supply  Mounting Type  Panel Mount  Termination Style  Operating Temperature  10° ~ 20°, Continuous  -  Linearity  Analog Voltage  Round Shaft  ±0.5%  Round Shaft  ±0.5%  For an	For Measuring	Rotary Position
Linear Range  Output  Analog Voltage  Output Signal  Clockwise Increase  Actuator Type  Round Shaft  Linearity  ±0.5%  Resistance  -  Resistance Tolerance  Voltage - Supply  Mounting Type  Panel Mount  Termination Style  Operating Temperature  -  Analog Voltage  Round Shaft  20.5%  Round Shaft  5V  Solder Lug  -  Clockwise Increase  Round Shaft  -  Solder Lug  -  Clockwise Increase  Round Shaft  -  Solder Lug  -  Clockwise Increase  Round Shaft  -  Solder Lug  -  Clockwise Increase  Solder Lug  -  Clockwise Increase	Technology	Hall Effect
Output Signal Clockwise Increase  Actuator Type Round 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	$10^{\circ} \sim 20^{\circ}$ , Continuous
Output Signal  Actuator Type  Round Shaft  Linearity  ±0.5%  Resistance  - Resistance Tolerance  Voltage - Supply  Mounting Type  Panel Mount  Termination Style  Operating Temperature  Clockwise Increase  Round Shaft  ±0.5%  For any continues  -  -  -  -  -  -  -  -  -  -  -  -  -	Linear Range	-
Actuator TypeRound 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	Round 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
Report errors?	Operating Temperature	-40°C ~ 125°C
		Report errors?

### **AMS22U5A1BHARL302 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.

### AMS22U5A1BHARL302 Payment Methods





















## AMS22U5A1BHARL302 Shipping Methods













If you have any question about AMS22U5A1BHARL302, please do not hesitate to contact us!

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