



### **HRS100SSAB180 Information**



For Reference Only

Part Number HRS100SSAB180

Manufacturer Honeywell Sensing and Productivity Solutions

Category Sensors, Transducers

Position Sensors - Angle, Linear Position Measuring

**Description** INDUSTRIAL POTENTIOMETER

Package -

For the pricing/inventory/lead time, please contact

us

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



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## **HRS100SSAB180 Specifications**

Manufacturer Part Number       HRS 100SSAB180         Manufacturer       Honeywell Sensing and Productivity Solutions         Category       Sensors, Transducers         Position Sensors - Angle, Linear Position Measuring         Package       -         Series       HRS         For Measuring       Rotary Position         Technology       Hall Effect         Rotation Angle - Electrical, Mechanical       0° ~ 180°, 0° ~ 180°         Linear Range       -         Output       Analog Voltage         Output Signal       Clockwise Increase         Actuator Type       Slotted Shaft         Linearity       ±4%         Resistance       -         Resistance Tolerance       -         Voltage - Supply       5V         Mounting Type       Panel Mount         Termination Style       Solder Lug         Operating Temperature       -40°C ~ 85°C		
Category       Sensors, Transducers         Position Sensors - Angle, Linear Position Measuring         Package       -         Series       HRS         For Measuring       Rotary Position         Technology       Hall Effect         Rotation Angle - Electrical, Mechanical       0° ~ 180°, 0° ~ 180°         Linear Range       -         Output       Analog Voltage         Output Signal       Clockwise Increase         Actuator Type       Slotted Shaft         Linearity       ±4%         Resistance       -         Resistance Tolerance       -         Voltage - Supply       5V         Mounting Type       Panel Mount         Termination Style       Solder Lug         Operating Temperature       -40°C ~ 85°C	Manufacturer Part Number	HRS100SSAB180
Package Packag	Manufacturer	Honeywell Sensing and Productivity Solutions
Package-SeriesHRSFor MeasuringRotary PositionTechnologyHall EffectRotation Angle - Electrical, Mechanical0° ~ 180°, 0° ~ 180°Linear Range-OutputAnalog VoltageOutput SignalClockwise IncreaseActuator TypeSlotted ShaftLinearity±4%Resistance-Resistance Tolerance-Voltage - Supply5VMounting TypePanel MountTermination StyleSolder LugOperating Temperature-40°C ~ 85°C	Category	Sensors, Transducers
SeriesHRSFor MeasuringRotary PositionTechnologyHall EffectRotation Angle - Electrical, Mechanical0° ~ 180°, 0° ~ 180°Linear Range-OutputAnalog VoltageOutput SignalClockwise IncreaseActuator TypeSlotted ShaftLinearity±4%Resistance-Resistance Tolerance-Voltage - Supply5VMounting TypePanel MountTermination StyleSolder LugOperating Temperature-40°C ~ 85°C		Position Sensors - Angle, Linear Position Measuring
For Measuring  Technology  Hall Effect  Rotation Angle - Electrical, Mechanical  O° ~ 180°, 0° ~ 180°  Linear Range  - Output  Analog Voltage  Output Signal  Clockwise Increase  Actuator Type  Slotted Shaft  Linearity  ±4%  Resistance  Resistance  -  Resistance Tolerance  Voltage - Supply  Mounting Type  Panel Mount  Termination Style  Operating Temperature  Rotary Position  Hall Effect  Relation  100° ~ 180°  ~ 180°  ~ 180°  ~ 180°  ~ 180°  — 180°	Package	-
Technology Rotation Angle - Electrical, Mechanical  O° ~ 180°, 0° ~ 180°  Linear Range  - Output  Analog Voltage  Output Signal  Actuator Type  Slotted Shaft  Linearity  #4%  Resistance  Resistance  -  Resistance Tolerance  -  Voltage - Supply  Mounting Type  Panel Mount  Termination Style  Operating Temperature  Hall Effect  0° ~ 180°, 0° ~ 180°  Linearity  Analog Voltage  -  Clockwise Increase  Slotted Shaft  ±4%  Fermination Style  -  Operating Temperature  Analog Voltage  -  Linearity  Analog Voltage  -  Slotted Shaft  -  **  **  **  **  **  **  **  **  **	Series	HRS
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  -  Overating Temperature  Overating Temperature  Overating Temperature  Overating Temperature  Overating Temperature  Clockwise Increase  Clockwise Increase  Slotted Shaft  ±4%  Fall Mount  Ending Type  Panel Mount  Solder Lug  -40°C ~ 85°C	For Measuring	Rotary Position
Linear Range  Output  Analog Voltage  Output Signal  Clockwise Increase  Actuator Type  Slotted Shaft  Linearity  ±4%  Resistance  -  Resistance Tolerance  Voltage - Supply  5V  Mounting Type  Panel Mount  Termination Style  Operating Temperature  -  40°C ~ 85°C	Technology	Hall Effect
Output Signal Clockwise Increase  Actuator Type Slotted Shaft  Linearity ±4%  Resistance -  Resistance Tolerance -  Voltage - Supply 5V  Mounting Type Panel Mount  Termination Style Solder Lug  Operating Temperature -40°C ~ 85°C	Rotation Angle - Electrical, Mechanical	0° ~ 180°, 0° ~ 180°
Output Signal Actuator Type Slotted Shaft Linearity ±4%  Resistance - Resistance Tolerance Voltage - Supply Mounting Type Panel Mount Termination Style Operating Temperature  Clockwise Increase Clockwise Increase  Slotted Shaft  ±4%  Fanel Mount  Fanel Mount  Solder Lug  -40°C ~ 85°C	Linear Range	-
Actuator Type  Linearity  Esistance  Resistance  Colorance  Voltage - Supply  Mounting Type  Panel Mount  Termination Style  Operating Temperature  Slotted Shaft  ±4%  Fundament	Output	Analog Voltage
Linearity ±4%  Resistance -  Resistance Tolerance -  Voltage - Supply 5V  Mounting Type Panel Mount  Termination Style Solder Lug  Operating Temperature -40°C ~ 85°C	Output Signal	Clockwise Increase
Resistance Tolerance - Voltage - Supply 5V  Mounting Type Panel Mount  Termination Style Solder Lug  Operating Temperature -40°C ~ 85°C	Actuator Type	Slotted Shaft
Resistance Tolerance  Voltage - Supply  5V  Mounting Type  Panel Mount  Termination Style  Operating Temperature  -40°C ~ 85°C	Linearity	±4%
Voltage - Supply5VMounting TypePanel MountTermination StyleSolder LugOperating Temperature-40°C ~ 85°C	Resistance	-
Mounting Type Panel Mount  Termination Style Solder Lug  Operating Temperature -40°C ~ 85°C	Resistance Tolerance	-
Termination Style Solder Lug  Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Voltage - Supply	5V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Mounting Type	Panel Mount
	Termination Style	Solder Lug
	Operating Temperature	-40°C ~ 85°C
Report errors?		Report errors?

#### **HRS100SSAB180** 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.

### **HRS100SSAB180 Payment Methods**



















### **HRS100SSAB180 Shipping Methods**













If you have any question about HRS100SSAB180, please do not hesitate to contact us!

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