



#### **SPS-A180D-HAMS Information**

v.heisener.

For Reference Only

Part Number SPS-A180D-HAMS

Manufacturer Honeywell Sensing and Productivity Solutions

Category Sensors, Transducers

Position Sensors - Angle, Linear Position Measuring

**Description** SENSOR REG 6-24V ANALOG OUTPUT

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.









## **SPS-A180D-HAMS Specifications**

Manufacturer Part Number       SPS-A180D-HAMS         Manufacturer       Honeywell Sensing and Productivity Solutions         Category       Sensors, Transducers         Position Sensors - Angle, Linear Position Measuring         Package       -         Series       SPS         For Measuring       Angle         Technology       Magnetoresistive         Rotation Angle - Electrical, Mechanical       0° ~ 100°         Linear Range       -         Output       Analog Voltage         Output Signal       -         Actuator Type       External Magnet Included         Linearity       ±0.4%         Resistance       -         Resistance Tolerance       -         Voltage - Supply       6 V ~ 24 V         Mounting Type       Chassis Mount         Termination Style       Connector         Operating Temperature       -40°C ~ 85°C		
CategorySensors, TransducersPackage-SeriesSPSFor MeasuringAngleTechnologyMagnetoresistiveRotation Angle - Electrical, Mechanical $0^{\circ} \sim 100^{\circ}$ Linear Range-OutputAnalog VoltageOutput Signal-Actuator TypeExternal Magnet IncludedLinearity $\pm 0.4\%$ Resistance-Resistance Tolerance-Voltage - Supply $6 \text{ V} \sim 24 \text{ V}$ Mounting TypeChassis MountTermination StyleConnectorOperating Temperature $+40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Manufacturer Part Number	SPS-A180D-HAMS
Position Sensors - Angle, Linear Position MeasuringPackage-SeriesSPSFor MeasuringAngleTechnologyMagnetoresistiveRotation Angle - Electrical, Mechanical $0^{\circ} \sim 100^{\circ}$ Linear Range-OutputAnalog VoltageOutput Signal-Actuator TypeExternal Magnet IncludedLinearity $\pm 0.4\%$ Resistance-Resistance Tolerance-Voltage - Supply $6 \ V \sim 24 \ V$ Mounting TypeChassis MountTermination StyleConnectorOperating Temperature $-40^{\circ}C \sim 85^{\circ}C$	Manufacturer	Honeywell Sensing and Productivity Solutions
Package-SeriesSPSFor MeasuringAngleTechnologyMagnetoresistiveRotation Angle - Electrical, Mechanical0° ~ 100°Linear Range-OutputAnalog VoltageOutput Signal-Actuator TypeExternal Magnet IncludedLinearity±0.4%Resistance-Resistance Tolerance-Voltage - Supply6 V ~ 24 VMounting TypeChassis MountTermination StyleConnectorOperating Temperature-40°C ~ 85°C	Category	Sensors, Transducers
SeriesSPSFor MeasuringAngleTechnologyMagnetoresistiveRotation Angle - Electrical, Mechanical $0^{\circ} \sim 100^{\circ}$ Linear Range-OutputAnalog VoltageOutput Signal-Actuator TypeExternal Magnet IncludedLinearity $\pm 0.4\%$ Resistance-Resistance Tolerance-Voltage - Supply $6 \vee 24 \vee$ Mounting TypeChassis MountTermination StyleConnectorOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$		Position Sensors - Angle, Linear Position Measuring
For Measuring  Technology  Magnetoresistive  Rotation Angle - Electrical, Mechanical  O° ~ $100^{\circ}$ Linear Range  Output  Analog Voltage  Output Signal  - Actuator Type  External Magnet Included  Linearity $\pm 0.4\%$ Resistance  Resistance  -  Resistance Tolerance  Voltage - Supply $6 \text{ V} \sim 24 \text{ V}$ Mounting Type  Chassis Mount  Termination Style  Operating Temperature  Angle  Angle	Package	-
TechnologyMagnetoresistiveRotation Angle - Electrical, Mechanical $0^{\circ} \sim 100^{\circ}$ Linear Range-OutputAnalog VoltageOutput Signal-Actuator TypeExternal Magnet IncludedLinearity $\pm 0.4\%$ Resistance-Resistance Tolerance-Voltage - Supply $6 \text{ V} \sim 24 \text{ V}$ Mounting TypeChassis MountTermination StyleConnectorOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Series	SPS
Rotation Angle - Electrical, Mechanical $0^{\circ} \sim 100^{\circ}$ Linear Range-OutputAnalog VoltageOutput Signal-Actuator TypeExternal Magnet IncludedLinearity $\pm 0.4\%$ Resistance-Resistance Tolerance-Voltage - Supply $6 \text{ V} \sim 24 \text{ V}$ Mounting TypeChassis MountTermination StyleConnectorOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	For Measuring	Angle
Linear Range  Output  Analog Voltage  Output Signal  - Actuator Type  External Magnet Included  Linearity  ±0.4%  Resistance  - Resistance Tolerance  Voltage - Supply  6 V ~ 24 V  Mounting Type  Chassis Mount  Termination Style  Operating Temperature  - 40°C ~ 85°C	Technology	Magnetoresistive
Output Signal-Actuator TypeExternal Magnet IncludedLinearity $\pm 0.4\%$ Resistance-Resistance Tolerance-Voltage - Supply $6 \text{ V} \sim 24 \text{ V}$ Mounting TypeChassis MountTermination StyleConnectorOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Rotation Angle - Electrical, Mechanical	0° ~ 100°
Output Signal-Actuator TypeExternal Magnet IncludedLinearity $\pm 0.4\%$ Resistance-Resistance Tolerance-Voltage - Supply $6 \text{ V} \sim 24 \text{ V}$ Mounting TypeChassis MountTermination StyleConnectorOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Linear Range	-
Actuator TypeExternal Magnet IncludedLinearity $\pm 0.4\%$ Resistance-Resistance Tolerance-Voltage - Supply $6 \text{ V} \sim 24 \text{ V}$ Mounting TypeChassis MountTermination StyleConnectorOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Output	Analog Voltage
Linearity $\pm 0.4\%$ Resistance-Resistance Tolerance-Voltage - Supply $6 \text{ V} \sim 24 \text{ V}$ Mounting TypeChassis MountTermination StyleConnectorOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Output Signal	-
Resistance Tolerance -  Voltage - Supply 6 V ~ 24 V  Mounting Type Chassis Mount  Termination Style Connector  Operating Temperature -40°C ~ 85°C	Actuator Type	External Magnet Included
Resistance Tolerance-Voltage - Supply $6 \text{ V} \sim 24 \text{ V}$ Mounting TypeChassis MountTermination StyleConnectorOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Linearity	±0.4%
Voltage - Supply $6 \text{ V} \sim 24 \text{ V}$ Mounting Type Chassis Mount  Termination Style Connector  Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Resistance	-
Mounting Type Chassis Mount  Termination Style Connector  Operating Temperature -40°C ~ 85°C	Resistance Tolerance	-
Termination Style Connector  Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Voltage - Supply	6 V ~ 24 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Mounting Type	Chassis Mount
	Termination Style	Connector
Report errors?	Operating Temperature	-40°C ~ 85°C
		Report errors?

#### **SPS-A180D-HAMS 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.

### **SPS-A180D-HAMS Payment Methods**





















### **SPS-A180D-HAMS Shipping Methods**













If you have any question about SPS-A180D-HAMS, please do not hesitate to contact us!

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