

### **3046L-2-103 Information**



For Reference Only

**Part Number** 3046L-2-103 **Manufacturer** Bourns Inc.

Category Sensors, Transducers

Position Sensors - Angle, Linear Position Measuring

**Description** POT LINEAR POSITION

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.









# 3046L-2-103 Specifications

Manufacturer Part Number     3046L-2-103       Manufacturer     Bourns Inc.       Category     Sensors, Transducers       Package     -       Series     -       For Measuring     Linear Position       Technology     Resistive       Rotation Angle - Electrical, Mechanical     -       Linear Range     0 ~ 6.35mm (0 ~ 0.25")       Output     Resistive       Output Signal     -       Actuator Type     Round Shaft       Linearity     ±5%       Resistance     10 kOhms       Resistance Tolerance     ±20%       Voltage - Supply     -       Mounting Type     Chassis Mount       Termination Style     Wire Leads       Operating Temperature     -55°C ~ 125°C       Report errors?		
CategorySensors, TransducersPackage-Series-For MeasuringLinear PositionTechnologyResistiveRotation Angle - Electrical, Mechanical-Linear Range0 ~ 6.35mm (0 ~ 0.25")OutputResistiveOutput Signal-Actuator TypeRound ShaftLinearity±5%Resistance10 kOhmsResistance Tolerance±20%Voltage - Supply-Mounting TypeChassis MountTermination StyleWire LeadsOperating Temperature-55°C ~ 125°C	Manufacturer Part Number	3046L-2-103
Package - Series - For Measuring Linear Position Technology Rotation Angle - Electrical, Mechanical Linear Range Output Resistive Output Signal Actuator Type Round Shaft Linearity Resistance 10 kOhms Resistance Tolerance  ±20% Voltage - Supply Mounting Type Chassis Mount Termination Style Operating Temperature  Position Sensors - Angle, Linear Position Measuring  - Resistion Measuring  + Resistion Measuring  Resistion Measuring  Resistion  - Chassis Mount  - Chassis Mount  Final Position Measuring  Resistion Measuring  Resistion Measuring  Resistion Measuring  Resistion Measuring  Resistion Measuring  - Chassis Mount  - Chassis Mount  Wire Leads  Operating Temperature	Manufacturer	Bourns Inc.
Package         -           Series         -           For Measuring         Linear Position           Technology         Resistive           Rotation Angle - Electrical, Mechanical         -           Linear Range         0 ~ 6.35mm (0 ~ 0.25")           Output         Resistive           Output Signal         -           Actuator Type         Round Shaft           Linearity         ±5%           Resistance         10 kOhms           Resistance Tolerance         ±20%           Voltage - Supply         -           Mounting Type         Chassis Mount           Termination Style         Wire Leads           Operating Temperature         -55°C ~ 125°C	Category	Sensors, Transducers
Series-For MeasuringLinear PositionTechnologyResistiveRotation Angle - Electrical, Mechanical-Linear Range0 ~ 6.35mm (0 ~ 0.25")OutputResistiveOutput Signal-Actuator TypeRound ShaftLinearity±5%Resistance10 kOhmsResistance Tolerance±20%Voltage - Supply-Mounting TypeChassis MountTermination StyleWire LeadsOperating Temperature-55°C ~ 125°C		Position Sensors - Angle, Linear Position Measuring
For Measuring Technology Resistive  Rotation Angle - Electrical, Mechanical Linear Range 0 ~ 6.35mm (0 ~ 0.25") Output Resistive Output Signal - Actuator Type Round Shaft Linearity ±5% Resistance 10 kOhms Resistance Tolerance ±20% Voltage - Supply - Mounting Type Chassis Mount Termination Style Operating Temperature Linear Position Linear Position Resistance 1 ~ 6.35mm (0 ~ 0.25") Resistive 0	Package	-
Technology Rotation Angle - Electrical, Mechanical Linear Range 0 ~ 6.35mm (0 ~ 0.25")  Output Resistive Output Signal - Actuator Type Round Shaft Linearity ±5% Resistance 10 kOhms Resistance Tolerance ±20%  Voltage - Supply - Mounting Type Chassis Mount Termination Style Operating Temperature Resistive  0 ~ 6.35mm (0 ~ 0.25") Resistive Resistive Resistive 10 kOhms 4-5% Chassis Mount Wire Leads Operating Temperature	Series	-
Rotation Angle - Electrical, Mechanical  Linear Range  0 ~ 6.35mm (0 ~ 0.25")  Output  Resistive  Output Signal  - Actuator Type  Round Shaft  Linearity  ±5%  Resistance  10 kOhms  Resistance Tolerance  ±20%  Voltage - Supply  - Mounting Type  Chassis Mount  Termination Style  Operating Temperature  -55°C ~ 125°C	For Measuring	Linear Position
Linear Range $0 \sim 6.35  \text{mm} (0 \sim 0.25")$ OutputResistiveOutput Signal-Actuator TypeRound ShaftLinearity $\pm 5\%$ Resistance $10  \text{kOhms}$ Resistance Tolerance $\pm 20\%$ Voltage - Supply-Mounting TypeChassis MountTermination StyleWire LeadsOperating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Technology	Resistive
Output Signal  Actuator Type Round Shaft  Linearity  Essistance Resistance Resistance Resistance Tolerance  Voltage - Supply  Mounting Type Chassis Mount  Termination Style  Operating Temperature  Resistive  Round Shaft  ±5%  Round Shaft  ±5%  Round Shaft  ±5%  Chassis Mount  Chassis Mount  Wire Leads  -55°C ~ 125°C	Rotation Angle - Electrical, Mechanical	-
Output Signal - Actuator Type Round Shaft Linearity ±5% Resistance 10 kOhms Resistance Tolerance ±20%  Voltage - Supply - Mounting Type Chassis Mount Termination Style Wire Leads Operating Temperature -55°C ~ 125°C	Linear Range	0 ~ 6.35mm (0 ~ 0.25")
Actuator TypeRound ShaftLinearity $\pm 5\%$ Resistance $10 \text{ kOhms}$ Resistance Tolerance $\pm 20\%$ Voltage - Supply-Mounting TypeChassis MountTermination StyleWire LeadsOperating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Output	Resistive
Linearity $\pm 5\%$ Resistance $10 \text{ kOhms}$ Resistance Tolerance $\pm 20\%$ Voltage - Supply -  Mounting Type Chassis Mount  Termination Style Wire Leads  Operating Temperature $\pm 5\%$	Output Signal	-
Resistance $10 \text{ kOhms}$ Resistance Tolerance $\pm 20\%$ Voltage - Supply-Mounting TypeChassis MountTermination StyleWire LeadsOperating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Actuator Type	Round Shaft
Resistance Tolerance $\pm 20\%$ Voltage - Supply -  Mounting Type Chassis Mount  Termination Style Wire Leads  Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Linearity	±5%
Voltage - Supply-Mounting TypeChassis MountTermination StyleWire LeadsOperating Temperature-55°C ~ 125°C	Resistance	10 kOhms
Mounting TypeChassis MountTermination StyleWire LeadsOperating Temperature $-55^{\circ}$ C ~ $125^{\circ}$ C	Resistance Tolerance	±20%
Termination Style Wire Leads  Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Voltage - Supply	-
Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Mounting Type	Chassis Mount
	Termination Style	Wire Leads
Report errors?	Operating Temperature	-55°C ~ 125°C
		Report errors?

#### 3046L-2-103 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.

### 3046L-2-103 Payment Methods



















## 3046L-2-103 Shipping Methods













If you have any question about 3046L-2-103, please do not hesitate to contact us!

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