

## Sanyo Denki - High Accuracy Absolute Encoders

## E10B171103



In Stock, Ships in 3-5 Days

- ✓ Get a Quote in 5 minutes
- ✓ Parts ship in as little as 24 hours
- ✓ Up to half the cost of the manufacturer

Secure Online  
CheckoutFree Ground  
ShippingOne Year  
Warranty

The **E10B171103** is a part of the **High Accuracy Absolute Encoders Series** by **Sanyo Denki**.

## Specifications

<b>Communication Protocol:</b>	SSI (Synchronous Serial Interface) A, B channels, No Z channel	<b>Counts Per Single Turn:</b>	131,072	<b>Enclosure Rating:</b>	IP65 (Dust-tight, water-resistant)
<b>Incremental Output:</b>		<b>Incremental Signal Counts:</b>	32,768 counts per revolution	<b>Max Shaft Speed:</b>	6,000 RPM
<b>Max Shock Resistance:</b>	1000 m/s <sup>2</sup> (100G)	<b>Maximum Positive Count:</b>	235,929,599	<b>Mechanical Accuracy:</b>	± 0.004°
<b>Multi-turn Capabilities:</b>	0 to 1,799 revolutions	<b>Operating Humidity Range:</b>	90% max (non-condensing)	<b>Operating Temperature Range:</b>	-20°C to +85°C
<b>Output Type:</b>	Differential Line Driver (RS422)	<b>Power Supply Voltage:</b>	5V ±5% DC	<b>Single-turn Resolution:</b>	17 bits
<b>Last Verified:</b>	05/09/2025 2:16 PM				

## Contact Us

 1620 Old Apex Road, Cary, NC 27513, USA Toll Free: [1-888-551-3082](tel:1-888-551-3082) International: [1-919-443-0207](tel:1-919-443-0207) Fax: [1-919-867-6204](tel:1-919-867-6204) Email: [sales@automation-factory.com](mailto:sales@automation-factory.com)

## Shipping Options



## Payment Methods



Automation Factory sells factory new and pre-owned surplus products and maintains channels to procure supply. Automation Factory is not affiliated with nor an authorized distributor or representative of any manufacturers, brands or products listed. Designated trademarks, brand names, and brands appearing herein are the property of their respective owners.