

Industrial Rotary Encoders

Heavy Duty Rotary Encoders

Originally designed for mill-duty applications and earth mining equipment, AMCI's Rotary Encoders provide maximum durability for applications that require superior strength. The non-contact sensor design is superior because it does not rely on sensitive optics or plastic gears.

AMCI's Rotary Encoder product line is offered in aluminum or stainless steel construction, and all versions are fully sealed to provide an IP67 rating. Solid shaft and hub shaft versions are available, and both types incorporate an oversized double row bearing that supports shaft loads up to 100 lbs. Radial/50 lbs. Axial.

AMCI's Industrial Rotary encoders are designed for long lasting, reliable performance.



Specifications at a Glance

- 60mm diameter body (NR60 & DC60)
- 2.5" diameter body (DC25 & NR25)
- 4.25" diameter body (DC425)
- Aluminum or Stainless Steel Versions
- Side or End Connectors
- 12 to 26.4Vdc
- -20°C to 85°C
- IP67

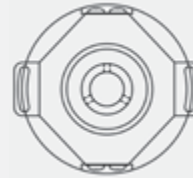
Mounting Options:



Flange Mount

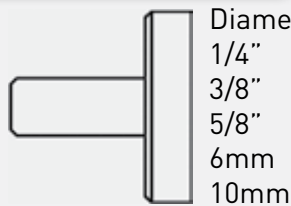


Servo Mount



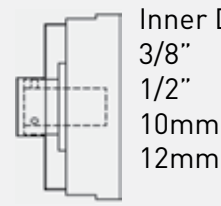
Hub Mount

Shaft Options:



Solid Shaft

Diameters:
1/4"
3/8"
5/8"
6mm
10mm



Hub Shaft

Inner Diameters:
3/8"
1/2"
10mm
12mm

► Industrial Rotary Encoders

NR60 EtherNet/IP	NR25 EtherNet/IP	NR25 DeviceNet	NR25 Profibus-DP
 <p>EtherNet/IP™</p> <p>Output Code: EtherNet/IP</p> <p>Resolution: Single-turn = 16 Bits Multi-turn = 30 Bits Max</p>	 <p>EtherNet/IP™</p> <p>Output Code: EtherNet/IP</p> <p>Resolution: Single-turn = 16 Bits Multi-turn = 30 Bits Max</p>	 <p>DeviceNet™</p> <p>Output Code: Modbus-TCP</p> <p>Resolution: Single-turn = 16 Bits Multi-turn = 30 Bits Max</p>	 <p>PROFIBUS™</p> <p>Output Code: Profibus-DP</p> <p>Resolution: Single-turn = 16 Bits Multi-turn = 30 Bits Max</p>
NR60 Modbus-TCP	NR25 Modbus-TCP	DC25 Absolute SSI	DC25 Incremental Digital
 <p>Modbus™</p> <p>Output Code: Modbus-TCP</p> <p>Resolution: Single-turn = 16 Bits Multi-turn = 30 Bits Max</p>	 <p>Modbus™</p> <p>Output Code: Binary</p> <p>Resolution: Single-turn = 16 Bits Multi-turn = 30 Bits Max</p>	 <p>Output Code: Binary, Gray Code</p> <p>Resolution: Single-turn = 12 Bits Multi-turn = 24 Bits</p>	 <p>Output Code: Quadrature with index</p> <p>Resolution: 4096 cycles/turn max</p>
DC25 Absolute Digital	DC25 Absolute Analog	DC60 Absolute Analog	DC425 Absolute Analog
 <p>Output Code: Binary, Gray Code, BCD</p> <p>Resolution: Single-turn = 12 bits</p>	 <p>Output Type: Current or Voltage</p> <p>Resolution: Single-turn = 12 bits</p>	 <p>Output Type: Current or Voltage</p> <p>Resolution: Multi-turn = 16 Bits Max</p>	 <p>Output Type: Current or Voltage</p> <p>Resolution: Multi-turn = 16 Bits Max</p>

AMCI Corporate Headquarters

20 Gear Drive | Plymouth Industrial Park | Terryville, CT 06786
 Tel: 860-585-1254 | Fax: 860-584-1973 | Email: sales@amci.com

940-8RE10
 10/17