



Incremental Encoder

First Technology's Incremental Encoders are designed to translate rotational motion into an easy to interface digital signal. The dual channel output information provides an accurate indication of speed, direction and angle of rotation.

First Technology is an ISO and TS registered company. We provide world-class quality products error free and on time.

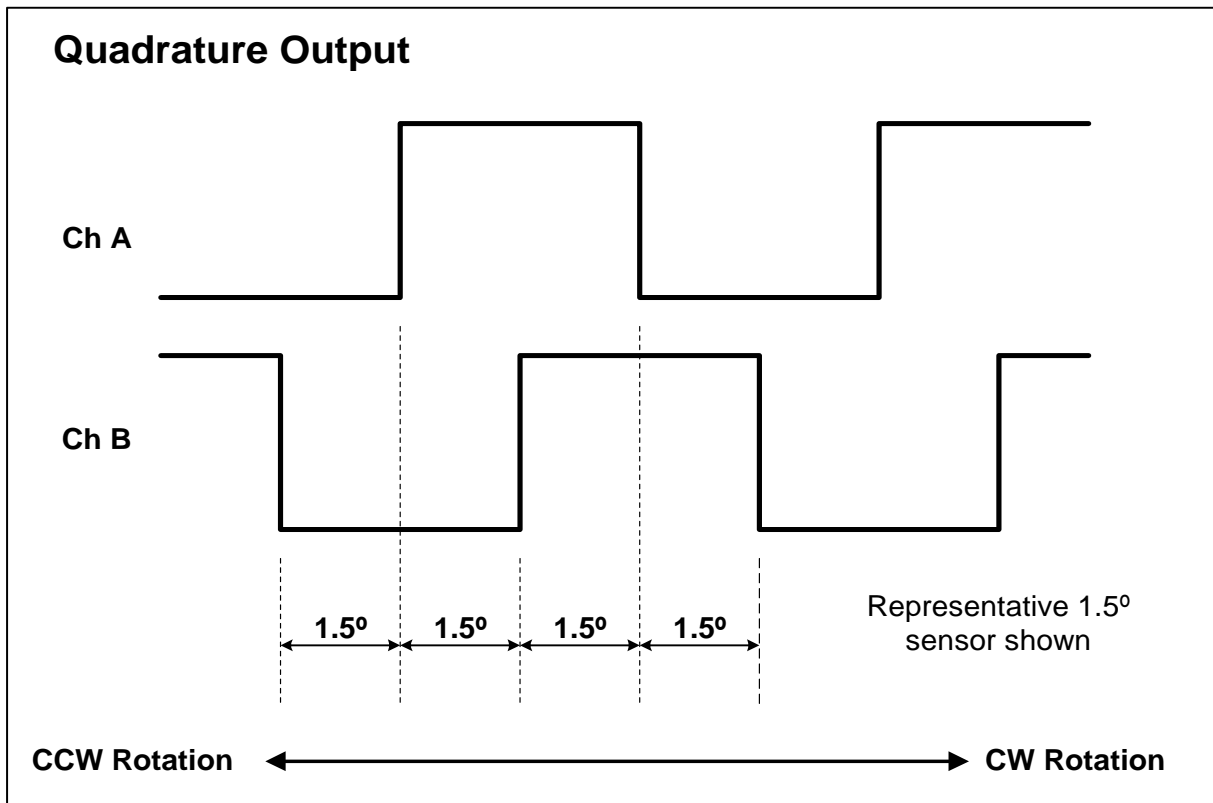
Features:

- Surface Mount and Chip-on-Board technology
- Custom resolution
- Non-contacting optical technology
- Unaffected by EMI/RFI
- Designed to operate in harsh environments
- No wearing parts

Benefits:

- Custom engineering is available to meet unique resolutions, output requirements or package design
- Very cost effective
- Compact profile





General Specifications	
Storage Temperature Range	-50°C to 105°C
Operating Current Temperature	-40° C to 85°C
Supply Voltage Range	8 to 16 Volts
Output Format	Quadrature
Output Signal	Open collector, external pull-up required
Current Requirements	50 mA Maximum (25mA typical)
Resolution	1.5 to 4.5 Degrees standard (other resolutions available)
Humidity	98% RH non-condensating
Shock	1 meter drop onto concrete
Vibration	4g RMS, 10-200Hz

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