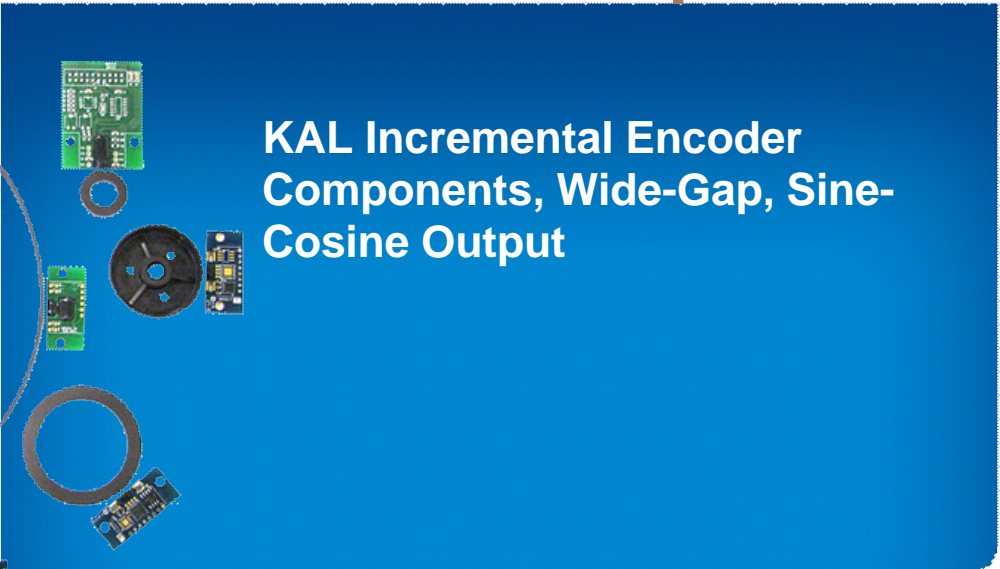
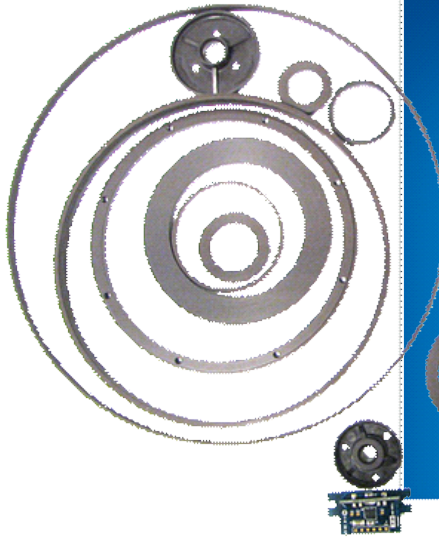


KAL Sine-Cosine Encoder Components



**KAL Incremental Encoder
Components, Wide-Gap, Sine-
Cosine Output**

**Obsolete-No Longer
Available**

KAL

KAL sine-cosine magnetic encoder components are no longer available. KXL digital magnetic encoder components are available and may offer an alternative solution.

OUTLINE DRAWING

Check out our website for more detailed specifications, drawings, and installation instructions. www.avtronencoders.com

MORE KAL ADVANTAGESKAL SPECIFICATIONS

Resolution: 16-256 CPR (Sine-Cosine Cycles)
Outputs: S+, S-, C+, C- (Differential Sine-Cosine)
Maximum Speed Up to 100,000 RPM
Channel Frequency 500 kHz maximum
Airgap: 0.012" [0.3mm]
Angular Error: <4 arc minutes
Hysteresis: 1 edge
Operating Temperature -40 to 115 °C
Supply Voltage 5.0 ±0.25 Vdc
Supply Current 20 mA typical

SELECTION GUIDE



Nidec-Avtron Makes the Most Reliable Encoders in the World

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All dimensions are in inches [millimeters].
Specifications and features are subject to change without notice.
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