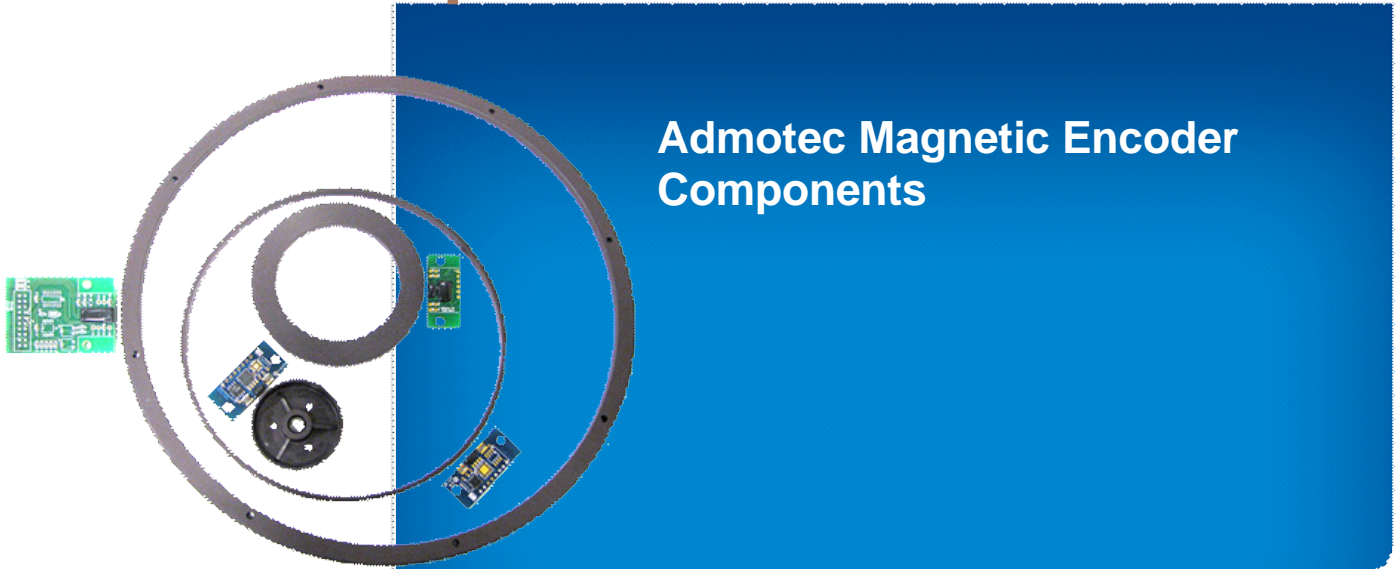


KAS High-Resolution Sine-Cosine Encoder Components



Admotec Magnetic Encoder Components

Obsolete: KAS Sine-Cosine Encoder

KAS

Admotec KAS sine-cosine magnetic encoder components are no longer available. KXS digital magnetic encoder components are available from Nidec-Avtron and may offer an alternative solution.

OUTLINE DRAWING

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

MORE KAS ADVANTAGESKAS SPECIFICATIONS

Resolution: 36-720 CPR (Sine-Cosine Cycles A, B)
Signal Outputs: S+, S-, C+, C- (Differential Sine-Cosine) (Optional Z+, Z-)
Maximum Speed: 100,000 RPM
Channel Frequency: 500 kHz maximum
Sensor-to-Rotor Airgap: 0.012" [0.3mm]
Angular Error: <4 arc minutes
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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