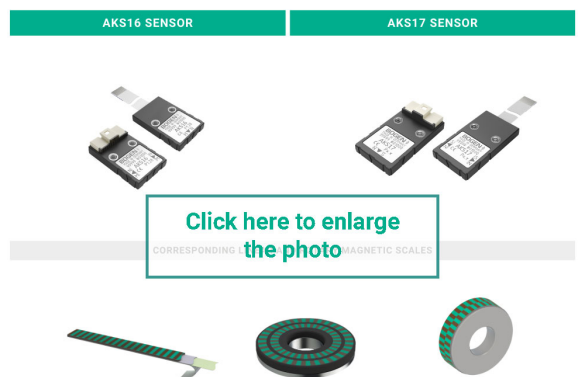


Newsletter August 2024

Absolute magnetic sensors AKS16 and AKS17: Resistant and compact

With the compact [AKS16](#) and [AKS17](#) encoders and the corresponding scales, BOGEN offers cost-efficient and magnetic absolute measuring solutions for all industrial applications in which movements, positions, speeds or angles need to be measured.



AKS16 Dimensions

- Length: 24.2 mm (1.28 mm and 1.50 mm pole pitch version) and 28 mm (2 mm pole pitch version)
- Width: 16 mm
- Height: 6.6 mm (Molex version) or 3.4 mm (FFC version)

AKS17 Dimensions

- Length: 28 mm
- Width: 16 mm
- Height: 6.6 mm (Molex version) or 3.4 mm (FFC version)

FEATURES AND BENEFITS	AKS 16	AKS 17
LINEAR MEASUREMENTS	up to 256 mm in length	up to 3 m in length
ROTARY MEASUREMENTS (RADIAL AND AXIAL)	11 mm - 86 mm in diameter	102 mm - 988 mm in diameter
NUMBER OF TRACKS	2 (Master-Nonius)	3 (Master-Nonius-Segment)
POLE PITCH	1.28 mm 1.50 mm 2.00 mm	1.28 mm 1.5 mm
BISS-C OR SSI OUTPUT	✓	✓
LINEAR RESOLUTION	up to 156 nm	up to 156 nm
ROTARY RESOLUTION	up to 20 bit	up to 24 bit
ORIENTATION OPTIONS	0° 90° 270°	0° 90°
RESISTANT against contamination, vibrations, temperature, fluctuations, humidity	✓	✓

Why choose BOGEN?

BOGEN's sensors offer unmatched performance and durability, making them ideal for ensuring accurate and smooth system operation.

For more details or to discuss your specific requirements, please contact us at sales@bogen-magnetics.com.

Stay updated with BOGEN Magnetics GmbH for more innovations.