

Absolute Magnetic Sensing Head AKS16-Z2O1P1.28A1D2.16384C3H1



AKS16 Absolute Magnetic Sensing Head

Size: Medium 17-Bit (32-31 Nonius)

Orientation Option: O1 Parallel

Pole Pitch: 1.28 mm

Interface Absolute: BISS

Interface Incremental: ABZ (16384 counts)

Connector: 12 Pin FFC

Housing: Standard Case

Electrical and mechanical parameters

Incremental signal	
Resolution incremental signal	
Signal period	
Interface	
Resolution of absolute measurement	
Repeatability	
Measuring length	
Protection class	
Vibration resistance	
Operating temperature	
Storage temperature	
Relative humidity	
Voltage	
Current consumption	
Maximum cable length	
Maximum travelling speed	
Output signal	
Connector	

Output signals

Interface	
Number of data bits	
Data format	
Parity	
Error bit	
Output circuit	
Clock frequency	
Tc	
Signal	
Signal amplitude	
Reference voltage U_0	
Phase shift A and B	
Maximum frequency (at 2 m/s)	

Cable assignment

V+	
V-	
A	
/A	
B	
/B	
CK	
/CK	
D	
/D	
SCH	

Dimensions

Mounting tolerance

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Ordering Code

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<http://www.bogen-electronic.com/en/magnetic-measurement-solutions/sensing-heads/absolute/linear/00051813.html>

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