

Absolute Magnetic Sensing Head AKS16-Z2O2P1.28A1D2.16384C3H1



AKS16 Absolute Magnetic Sensing Head
Size: Medium 17-Bit (32-31 Nonius)
Orientation Option: O2 Perpendicular
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

| |
|--|
| |
|--|

Ordering Code

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<http://www.bogen-electronic.com/en/magnetic-measurement-solutions/sensing-heads/absolute/linear/00051814.html>

All statements without guarantee. Data can be change at any time.