

Incremental Magnetic Sensing Head IKS9.1-Z2.50P1V5D1R0.5F1750T2L3C3E1



Width: 11 mm (metal case)
Reference Signal: 2.50
Reference Length: 50 signals per 0,5 μm
Pole Pitch: 1 mm
Supply Voltage: 5 V
Interface: RS422
Resolution: 0,5 μm
Output Frequency: 1750 kHz
Cable Type: Drag chain quality (\varnothing 4 mm)
Cable Length: 3 m
Connector: D-SUB 9 (male)
LED Mode: Remote support avail.
Hysteresis: 0.98 μm
Error Behaviour: Standard

Technical characteristics

- Incremental Magnetic Sensing Head
- Pole Pitch 1 mm

Electrical and mechanical parameter

Pole pitch	
Signal period	
Resolution	0.5 μm
Repeatability	
Voltageg	
Current consumption	
Zulässige Last	
Protection class	
Operating temperature	
Humidt	
Maximum speed	
Interface	
Cable length	
Connector	D-SUB 9 (male)

Output signals

Output circuit	
Clock frequency	
Tc	
Signal	
Signal amplitude	
Reference voltage U_0	
Phase shift A and B	
Maximum frequency (at 2 m/s)	

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

Dimensions

Magnetics that count

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<https://www.bogen-electronic.com/en/magnetic-measurement-solutions/sensing-heads/incremental/linear/00053078.html>

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