

Linear Magnetic Scale Absolute KBEE10-C134-A20



Magnetic tape

Carrier: (H = 0.3 mm); Total height: 1.3 mm

Width: 10 mm

2 track magnetization

Inkremental track: 2mm pole pitch starting with South pole

Absolute track: 4mm pitch starting with "0"=South pole

Code length = 33m , roll length like ordered

Accuracy class: $\pm 20 \mu\text{m/m}$

Delivery with intermediate layer to preserve the accuracy class

Technical characteristics

- Magnetic Linear Scale
- Elastomer-bonded ferrite on stainless steel carrier
- Two tracks
- For absolute Position measuring
- High accuracy

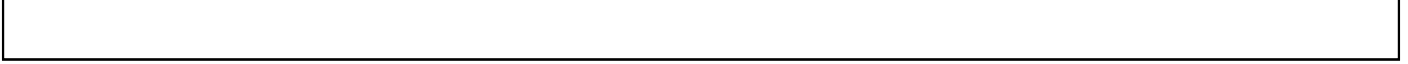
Benefits

- Non-contact, quick position measurement
- 100% quality checked
- Wearless
- Resistant to dust, cooling lubricant emulsion, oil, etc.
- Wide scale for big y tolerance
- On request with quality protocol

Tape specification

Accuracy class	± 20 µm/m
Material	Elastomer on steel tape
Width	10 mm
Thickness	1.3 mm
Length	freely adjustable
Magnetic pole pitch	
Working temperature	- 20°C... + 80°C max.
Expansion coefficient	~ 17 x 10 ⁻⁶ /K
Bending radius (reverseable)	Minimum 65 mm
Marking	BOGEN standard print
Maximum tape length on one roll	

Structure



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<http://www.bogen-electronic.com/en/magnetic-measurement-solutions/magnetic-scales/absolute/linear/00050850.html>

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