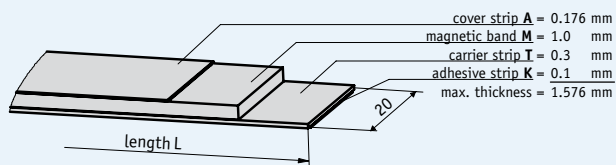


Magnetic Band MBA501

Absolutely coded scale, measuring length 10240 mm

Profile

- Easy adhesive mounting, self-assembly possible



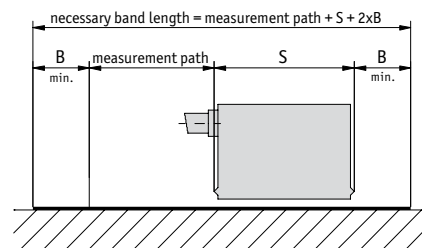
Mechanical data

Feature	Technical data	Additional information
Measuring length	max. 10240 mm	
Band width	20 mm	
Thickness	1.4 mm	without cover strip
Accuracy class	$\pm 50 \mu\text{m}$	bei $T_U = 20^\circ\text{C}$
Temperature coefficient	$(11 \pm 1) \times 10^{-6}/\text{K}$	
Operating temperature	$-20 \dots +70^\circ\text{C}$	
Storage temperature	$-40 \dots +70^\circ\text{C}$	
Humidity	100 % rh	condensation permitted
Mounting type	glued joint	pre-assembled double-sided adhesive strip
Cover strip material	stainless steel	

Order

The necessary band length is calculated as follows:
Measured path + sensor length "S" + (2 x lead-in and lead-out "B"). Sensor length "S" refer to the drawing of the employed sensor, lead-in and lead-out "B" = 5 mm.

Determination of band length (symbolic sensor representation)



Order table

Feature	Order data	Specifications	Additional information
Length of magnetic band	... A	0.2 ... 75 m, in steps of 0.1 m	Order information, see "Determination of band length"
Adhesive carrier strip	TM B TO	with without	
Cover strip	AM C AO	with without	

Order code

MBA501 - - -
A B C

5.2

Scope of delivery: MBA501, User information

Accessories:
Profile rail PSA

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Additional information:
Short Description, Technical Details
Product Overview

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