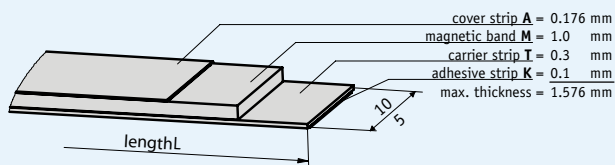


Profile

- Easy adhesive mounting, self-assembly possible
- Pole length 5 mm

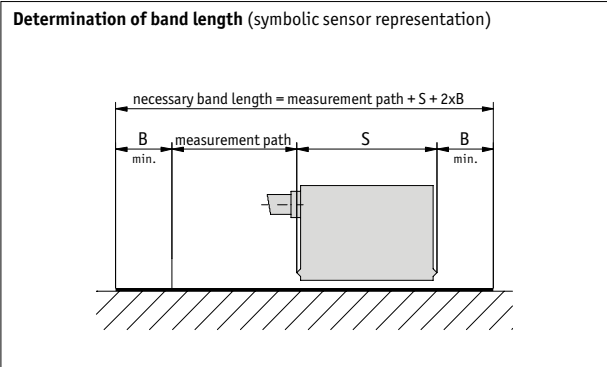


Mechanical data

Feature	Technical data	Additional information
Pole length	5 mm	
Measuring length	infinite	
Band width	10 mm	
Thickness	1.4 mm	without cover strip
Accuracy class	50 µm	
Temperature coefficient	$(11 \pm 1) \times 10^{-6}/K$ $(16 \pm 1) \times 10^{-6}/K$	spring steel stainless steel
Operating temperature	-20 ... +70 °C	
Storage temperature	-40 ... +70 °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" = 10 mm.



■ **Order table**

Feature	Order data	Specifications	Additional information
Length	... A	1 ... 100 m, in steps of 1.0 m	Order information, see "Determination of band length"

■ **Order code**

MB500AS - 100
A

Scope of delivery: MB500AS, User information

Accessories:

- Profile rail PS
- Protective strip SB
- Cover rail PS1

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