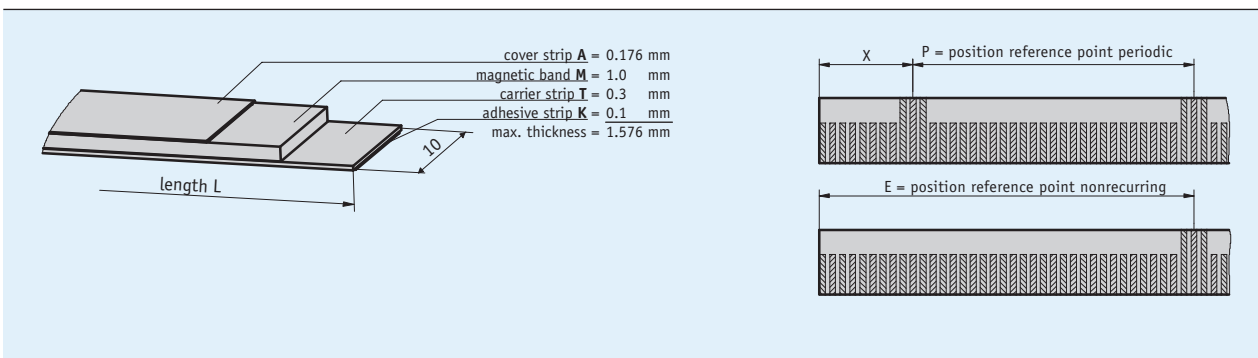
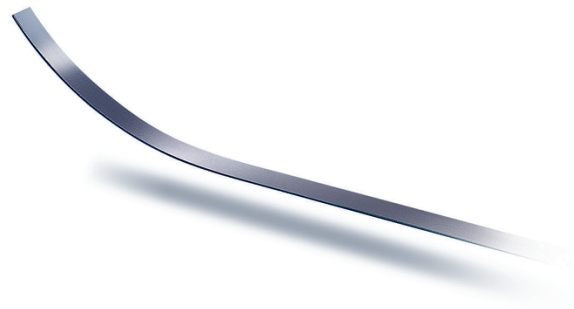


Profile

- Easy adhesive mounting, self-assembly possible
- Reels up to 100 m available
- System accuracy up to 20 µm



Mechanical data

Feature	Technical data	Additional information
Material	stainless steel	cover strip
Band width	10 mm	
Band thickness	1.4 mm	without cover strip
Mounting type	adhesive connection	premounted double-sided adhesive tape
Accuracy class	50 µm	

■ Measurement table of reference points

Reference points [m]	
Fixed distance X	0.05
Periodic P	0.06, 0.2
Onetime E	0.05, 0.1, 0.16, 0.2, 0.5, 0.8

System data

Feature	Technical data	Additional information
Pole length	2 mm	
Measuring range	∞	

Ambient conditions

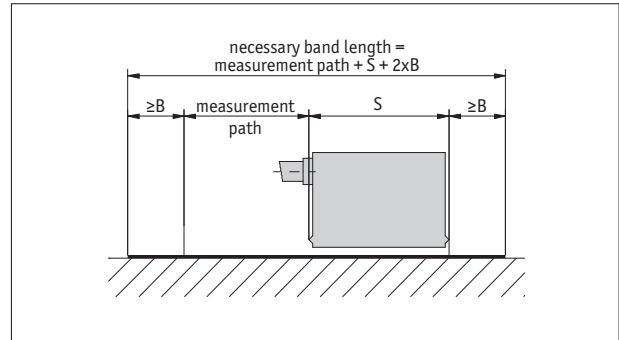
Feature	Technical data	Additional information
Ambient temperature	-20 ... 70 °C	
Storage temperature	-40 ... 70 °C	
Expansion coefficient	$(11 \pm 1) \times 10^{-6}/K$	spring steel
Relative humidity	100 %	condensation admissible

Order

Ordering information

The necessary tape length is calculated from:
 Measured distance + sensor length "S" + (2 x forerun or overrun "B", resp.).

S	see the drawing of the sensor used
B	10 mm (forerun and overrun)



Symbolic representation

Ordering table

Feature	Ordering data	Specification	Additional information
Length	... A	000.10 ... 100.00 m, in intervals of 0.1 m	ordering detail, see "Ordering information"
Material carrier tape	St B	steel	
	VA B	stainless steel	
Adhesive carrier tape	TM C	with	
	TO C	without	
Cover strip	AM D	with	
	AO D	without	
Reference point	O E	without	optional with flexible reference mark, see accessories
	E E	one-time	
	P E	periodic	
Reference point position	... F	0.05, 0.1, 0.16, 0.2, 0.5, 0.8 in m	indicate only if reference point E is chosen, ≤5.0 m
	... F	0.06, 0.2 in m	indicate only if reference point P is chosen
	... F	others on request	

Order key



Scope of delivery: MB200/1

- Accessories:
- Profile Rail PS
 - Protective band SB
 - Profile Rail PS1
 - Installation aid ZB3054
 - Flexible reference mark

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