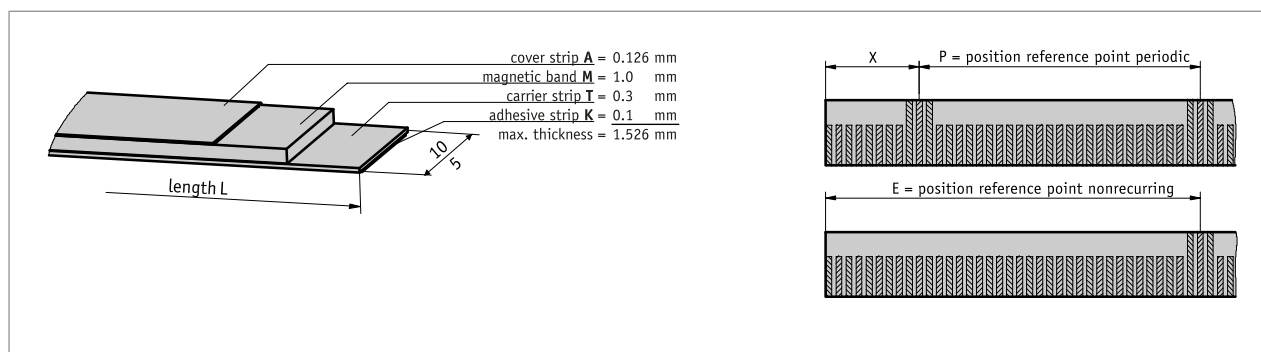
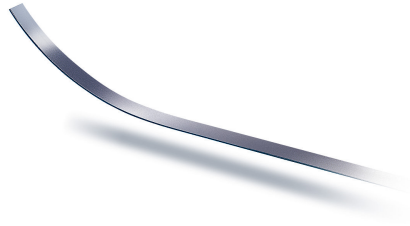


Profile

- Easy adhesive mounting, self-assembly possible
- Reels up to 100 m available
- Linearity deviation up to $\pm 20 \mu\text{m}$



Mechanical data

Feature	Technical data	Additional information
Material	rustproof stainless steel	Cover strip
Band width	10 mm	
Band thickness	1.4 mm	without cover strip
Mounting type	adhesive connection	double-sided tape premounted
Accuracy class	20 μm	

■ Dimensions

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	
Linearity deviation	$\pm 20 \mu\text{m}$ at $T_U = 20^\circ \text{C}$	
Measuring range	∞	

Ambient conditions

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

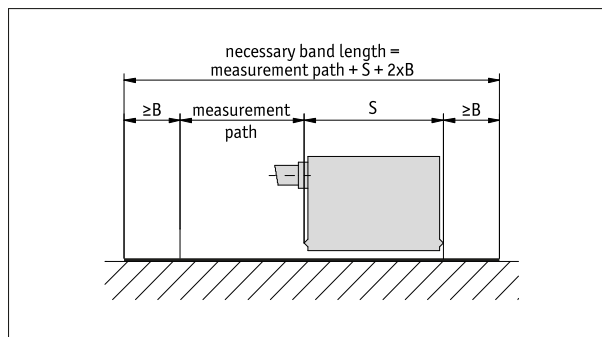
Order

■ 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
Configured length	A Länge	0 ... 100 m, in steps of 0.01 m	"ordering detail, see "Ordering information""
tapewidth	B 10 5	10 mm 5 mm	
material carrier tape	C St VA	steel stainless steel	
adhesive carrier tape	D TM TO	with without	
Cover strip	E AM AO	with without	
reference point	F 0 E P	without one-time periodic	optional with flexible reference mark, see accessories
Position of reference point E	G wo ...	without 0.05, 0.1, 0.16, 0.2, 0.5, 0.8 in m others on request	indicate only if reference point E is chosen, ≤5.0 m
Position of reference point P	H wo ...	without 0.06, 0.2 in m others on request	indicate only if reference point P is chosen

■ Order key

MB200/1 - - - - - - - -

A B C D E F G H



Scope of delivery:
MB200/1



Accessories you can find:

Installation tool ZB3054
Profile rail PS
Profile rail PS1, PSPS
Protective band SB
Flexible reference mark

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