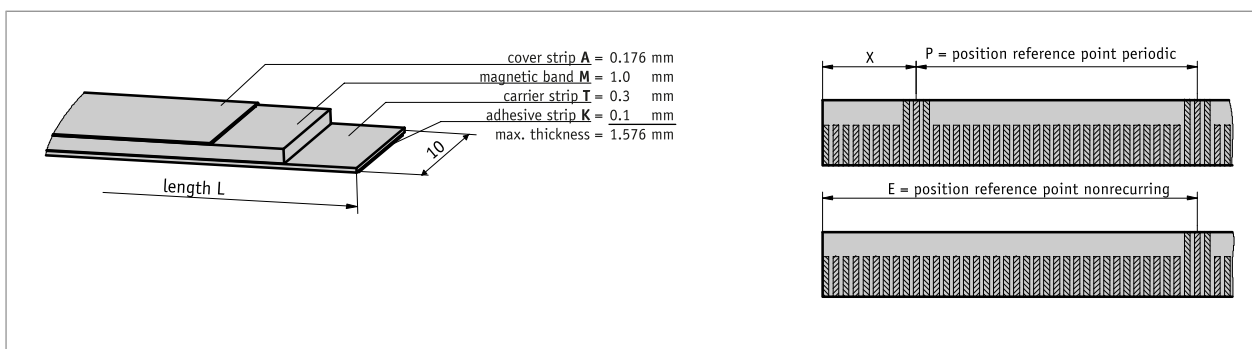
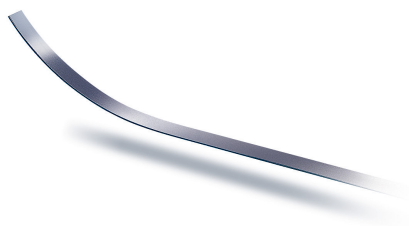


Profile

- 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

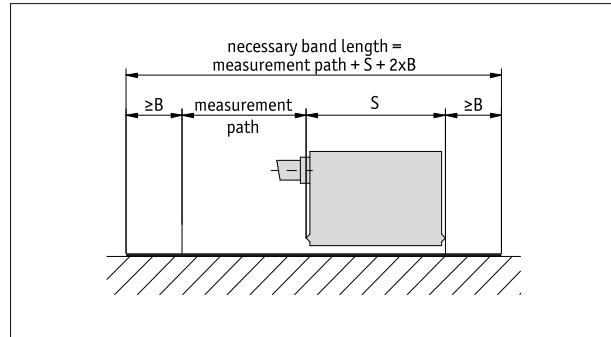
Feature	Technical data	Additional information
Ambient temperature	-20 ... 100 °C	
Storage temperature	-40 ... 100 °C	
Expansion coefficient	$(11 \pm 1) \times 10^{-6} / \text{K}$	spring steel
Relative humidity	100 %	condensation admissible

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

■ Order key

MB200/1 - - - - - -

A B C D E F

	Scope of delivery: MB200/1
	Accessories you can find: Installation tool ZB3054 Profile rail PS Profile rail PS1 Protective band SB Flexible reference mark www.siko-global.com www.siko-global.com www.siko-global.com www.siko-global.com Order key 88678