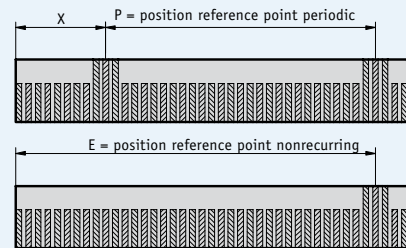
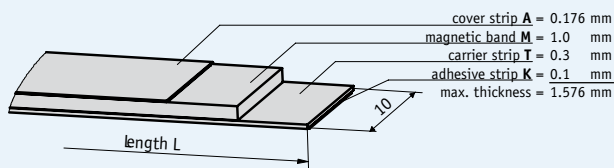


Magnetic Band MB200

Incrementally coded scale, 2 mm pole length

Profile

- Easy adhesive mounting, self-assembly possible
- Pole length 2 mm
- System accuracy up to 20 μm



Reference points (all details in m)

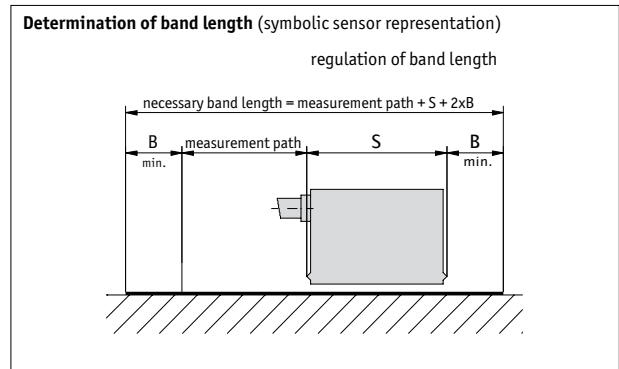
X	0.05
P	0.2, 0.5
E	0.05, 0.1, 0.2, 0.5

Mechanical data

Feature	Technical data	Additional information
Pole length	2 mm	
Measuring length	infinite	
Band width	10 mm	
Thickness	1.4 mm	without cover strip
Accuracy class	50 μm	
Temperature coefficient	$(11 \pm 1) \times 10^{-6}/\text{K}$	spring 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 of magnetic band	... A	0.1 ... 90 m, in steps of 0.1 m	Order information, see "Determination of band length"
Adhesive carrier strip	TM	with	
	TO	without	
Cover strip	AM	with	stainless steel
	AO	without	
Reference point	O	without	
	E	one-time	
	P	periodic	
Position of reference point E one-time	... E	0.05, 0.1, 0.2, 0.5 others on request	indicate only if reference point E was selected max. 5.0 m
or Position of reference point P periodic	... E	0.2, 0.5 others on request	indicate only if reference point P was selected

■ **Order code**



Scope of delivery: MB200, User information

Accessories:

- Profile rail PS Page 182
- Protective strip SB Page 183
- Cover rail PS1 Page 181

Additional information:

- Short Description, Technical Details Page 46 cont.
- Product Overview Page 4 cont.