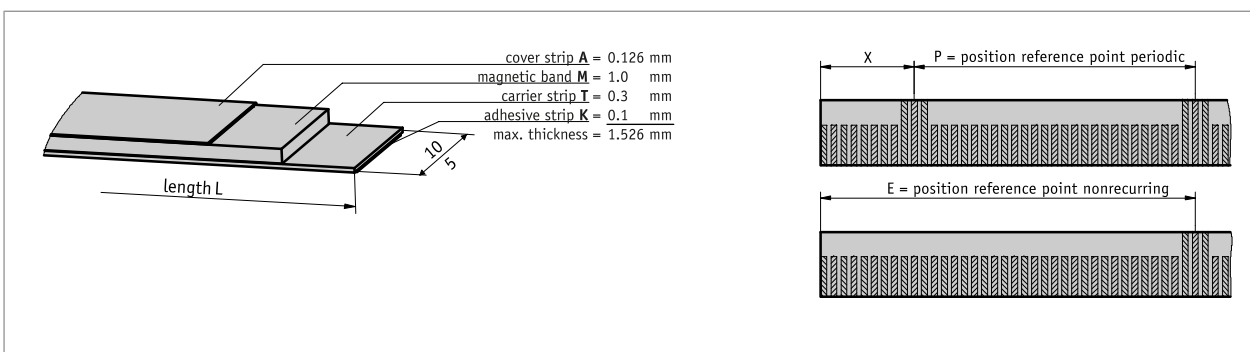
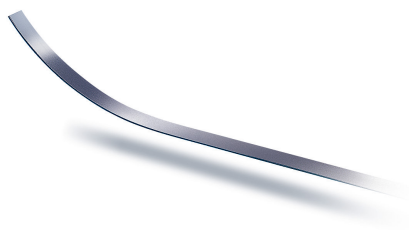


Profile

- Easy adhesive mounting, self-assembly possible
- Reels up to 100 m available
- Linearity deviation up to $\pm 50 \mu\text{m}$
- Linearity deviation up to $\pm 50 \mu\text{m}$



Mechanical data

| Feature | Technical data | Additional information |
|----------------|---------------------------|------------------------------|
| Material | rustproof stainless steel | cover strip |
| Band width | 5, 10 mm | |
| Band thickness | 1.4 mm | without cover strip |
| Mounting type | adhesive connection | double-sided tape premounted |
| Accuracy class | 50 μm | |

■ Dimensions

| Reference points [m] | |
|----------------------|---------------------------------------|
| Fixed distance X | 0.032 |
| Periodic P | 0.032, 0.32 |
| Onetime E | 0.032, 0.064, 0.096, 0.128, 0.3, 0.32 |

System data

| Feature | Technical data | Additional information |
|---------------------|---|------------------------|
| Pole length | 3.2 mm | |
| Linearity deviation | $\pm 50 \mu\text{m}$ at $T_U = 20^\circ \text{C}$ | |
| Measuring range | ∞ | |

Ambient conditions

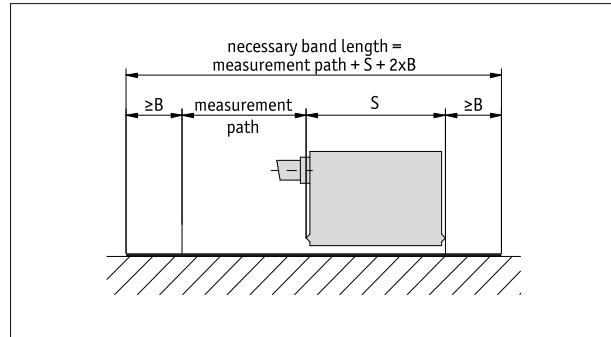
| Feature | Technical data | Additional information |
|-----------------------|--|---------------------------------|
| Ambient temperature | -20 ... 70 $^\circ\text{C}$ | |
| Storage temperature | -40 ... 70 $^\circ\text{C}$ | |
| Expansion coefficient | $(11 \pm 1) \times 10^{-6}/\text{K}$ $(16 \pm 1) \times 10^{-6}/\text{K}$ | spring steel stainless 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) |

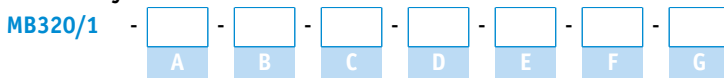


Symbolic representation

■ 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""" |
| tapewidth | B 10 5 | in mm in 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 | stainless steel |
| reference point | F 0 E P | without one-time periodic | at width 10 mm optional with flexible reference mark, see accessories only with 10 mm width only with 10 mm width |
| reference point position | G | 0.032, 0.064, 0.096, 0.128, 0.3, 0.32 in m 0.032, 0.32 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



| | |
|--|---|
| | Scope of delivery: MB320/1 |
| | 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 88434 |