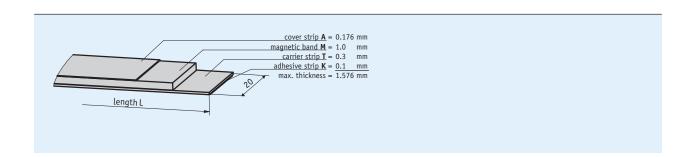
# Magnetic band MBA511 Absolutely coded scale, measuring length 20 m

#### **Profile**

- Easy adhesive mounting, self-assembly possible
- Available lengths up to 75 m





### Mechanical data

Feature	Technical data	Additional information
Material	stainless steel	cover strip
Band width	20 mm	
Band thickness	1.4 mm	without cover strip
Mounting type	adhesive connection	double-sided tape premounted
Accuracy class	±100 μm	at T <sub>U</sub> = 20 °C

### System data

Feature	Technical data	Additional information
Measuring range	<20480 mm	

#### **Ambient conditions**

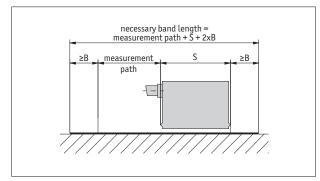
Feature	Technical data	Additional information
Ambient temperature	-20 70 °C	
Storage temperature	-40 70 °C	
Expansion coefficient	$(11 \pm 1) \times 10^{-6} / K$	
Relative humidity	100 %	condensation admissible

#### **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
В	5 mm (forerun and overrun)



 $Symbolic\ representation$ 

#### Ordering table

Feature	Ordering data	Specification	Additional information
Length	A	<b>00.5 75.0</b> m, in intervals of 0.1 m	ordering detail, see "Ordering information"
Adhesive carrier tape	TM	with	
	T0	without	
Cover strip	AM	with	
	A0	without	

#### Order key

Scope of delivery: MBA511

Accessories:
Profile Rail PSA www.siko-global.com