

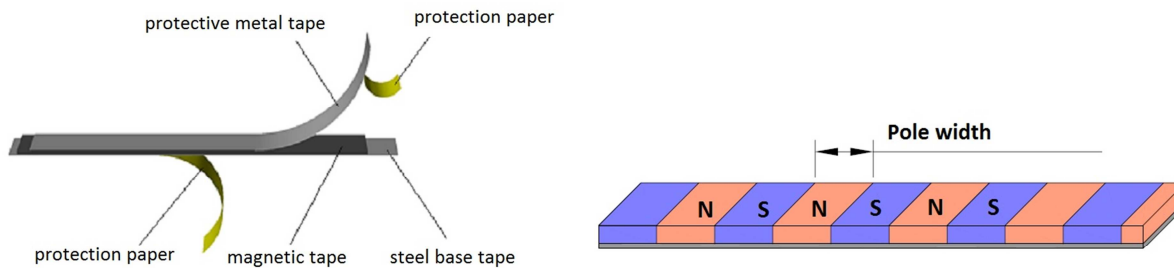


- Flexible magnetic tape
- Easy installation on self-adhesive tape
- Incrementally coded
- Available with protective tape
- Available in rolls up to 20m (others on request)
- Resistant to dirt, dust and oils
- Stainless steel base band
- Width 10mm
- 1.0 and 1.3 mm thickness without protective tape
- 1.3 and 1.6 mm thick with protective tape
- Pole width 2 , 3.2 , 5 mm
- Thermal expansion $16 \times 10^{-6}/K$
- Operating temperature $-20 \div 70 \text{ }^\circ\text{C}$
- Operating temperature $-40 \div 100 \text{ }^\circ\text{C}$
- Accuracy class A5, A10, A20, A40

Installation

The tape is mounted on a smooth and degreased surface using self-adhesive tape placed on the underside of the steel base tape. To do this, remove the protective paper. When installing long lengths, remove the protective paper gradually. Tension the tape slightly before pressing it to the surface.

If the magnetic tape will be exposed to damage, protect it with a protective tape, proceeding similarly to the installation of the base tape. The protective tape is always installed second.



Ordering:

MT – A – B – C – D - E

Code	Function	Value	Comments
A	Pole width	20 – 2,0 mm	
		32 – 3,2 mm	
		50 – 5,0 mm	
B	Lenght	In meters	
C	Self-adhesive tape	0 – without self-adhesive	
		1 – with selfadhesive	
D	Protective tape	0 – without protective tape	
		1 – with protective tape	
E	Accuracy class	A5 - $\pm 5 \text{ um/m}$ (20°C)	
		A10 - $\pm 10 \text{ um/m}$ (20°C)	
		A20 - $\pm 20 \text{ um/m}$ (20°C)	
		A40 - $\pm 40 \text{ um/m}$ (20°C)	

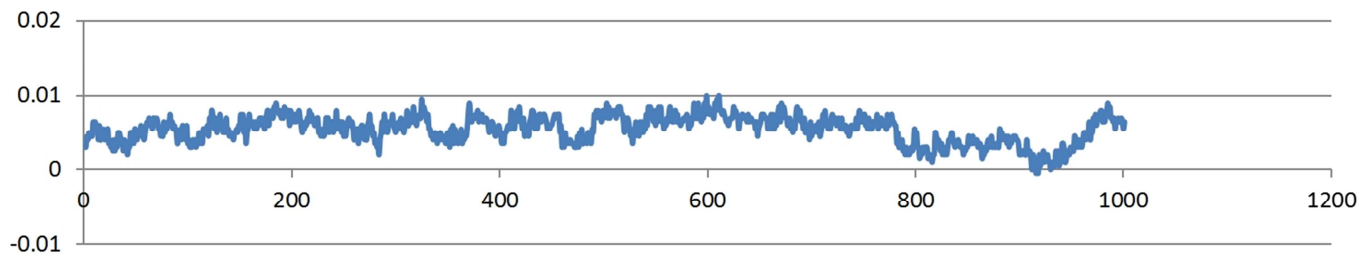
Example:

MT-20-1-1-0-A10 is a magnetic tape with a 2 mm pitch, 1 m long, with a self-adhesive fastening tape, without a protective tape, accuracy class A10.

Attention:

The ordered length of the tape should be longer than the required measuring range by the length of the sensor and additionally 20 mm.

Measuring system error graph with 2mm pole width tape.



Section 1000mm. Measuring points every 1 mm (1000 measuring points).