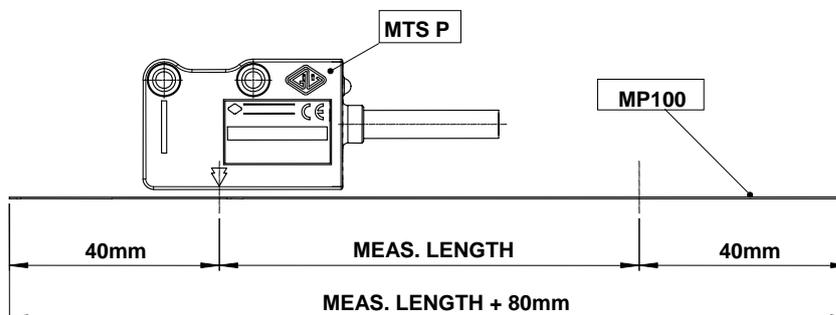
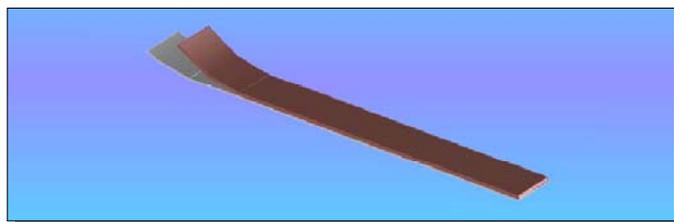


Code ST25	Project A25-B	Release B	Title TECHNICAL DATASHEET
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MAGNETIC BAND MP100

GENERAL FEATURES

- MAGNETIC BAND MP100 is composed of a magnetic strip which is polarized at regular distances of 1+1 mm and supported by a stainless steel carrier. Extremely easy to mount on the operating machine.



IMPORTANT: in order not to compromise the accuracy of the system, the magnetic band MP100 must be longer than the machine run of at least 40 mm from each side.

MECHANICAL FEATURES

Pole pitch	1+1 mm	
Accuracy at 20°C	± 30 µm/m standard	± 15 µm/m special
Width	10 mm	
Thickness	1.3 mm	
Maximum length	50 m	
Thermal expansion	$10.5 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$ T ref.= 20°C ± 0.1°C	
Bending radius	130 mm _{MIN}	
Operating temperature	0° ÷ 70°C	
Storage temperature	-20° ÷ 80°C	
Weight of magnetic band	65 g/m	
Weight of cover	25 g/m	

ORDERING CODE

MODEL	LENGTH (mm)
MP100	XXXXX

Example ↪ **MAGNETIC BAND MP100 11000**

INSTALLATION AND HANDLING

- Degrease the surface where you want to place the magnetic band by using alcohol and dry it carefully.
- Place the band and keep it aligned with the reader head ensuring that the magnetic part is just next to the sensor.
- With MP100 magnetic band, it is not possible to apply any protective cover.**
- The max. adhesion will be achieved after 48 hours from sticking.
- Keep other magnetic parts clear from the tape.
- Store and roll up the tape keeping the magnetic strip on the outside, in order to avoid tensions.