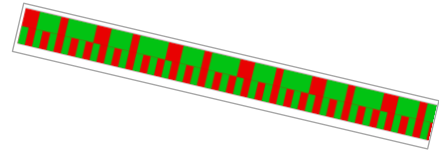


Datasheet

- Insensitive to dust, humidity, oil and chipping
- Operates wear-free with the magnetic sensor
- Cost effective solution
- Variable length
- Easy to fix with double-sided adhesive tape
- Suitable for absolute sensors AHP2 SSI/BISS-C and AHP2-IOL

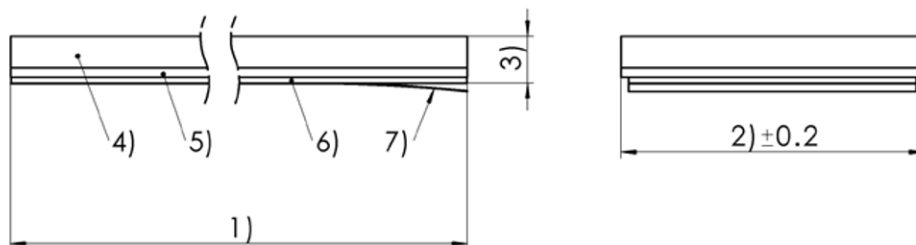


Mechanical data

Dimensions		
Width	Magnetic tape	10 mm
Thickness, with glue layer		1,55 mm
Thickness, without glue layer		1,35 mm
	Cover tape	DB01: 0,15 mm
Length	Magnetic tape	< 1 m
Pole pitch		2 mm
Accuracy		±18 µm (refers to 1 m length) (System accuracy with sensor max. ±40 µm)
External magnetic fields in operation		< 30 mT (no damage) < 1 mT (no effect)
Storage temperature		-20 °C ... +80 °C
Temperature coefficient entire system		10,5 ppm/K
Ambient temperature		-20 °C ... +80 °C

Dimensions

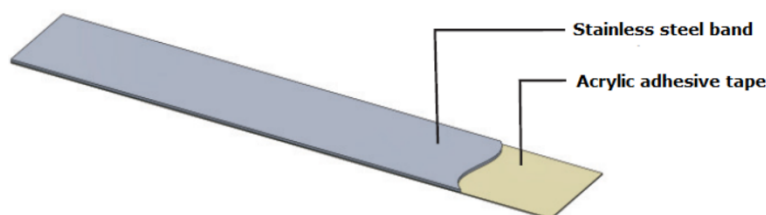
Magnetic tape



1) Nominal/order length 2) Width 3) Tape height 4) Magnetic layer 5) Carrier strip 6) Glue layer 7) Protective film to remove



Cover tape



Datasheet

Order example

Type **M02-AS** - **18** - **1000** - **0**

Accuracy*

18 = 18 µm

Measuring length

1000 = 1,0 m

Cover tape

0 = without

DB01 = with cover tape



* Accuracy related to 1m length.

In application with absolute sensor AHP2 the accuracy is max. 40 µm ±.



Magnetic tape length less 65 mm = usable measuring length

Magnetic tape can be supplied assembled in any length as specified up to 8,19 m.

Der Hersteller behält sich das Recht vor, ohne vorherige Ankündigung Änderungen an den Produkten vorzunehmen, die er für deren Verbesserung für erforderlich hält.