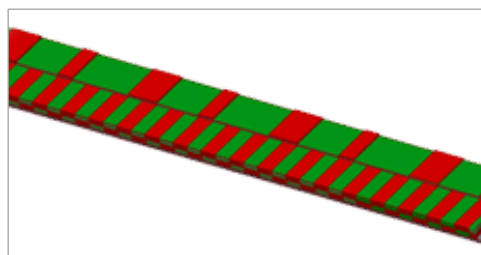


Datasheet

Features at a glance

- Insensitive to oil, humidity, dust, and shavings
- Wear-free
- Cost-effective solution
- Variable lengths
- Easy mounting with attached double sided adhesive tape
- Suitable for absolute sensor AHP2L and AHP2- DQ (Drive-ClIQ)

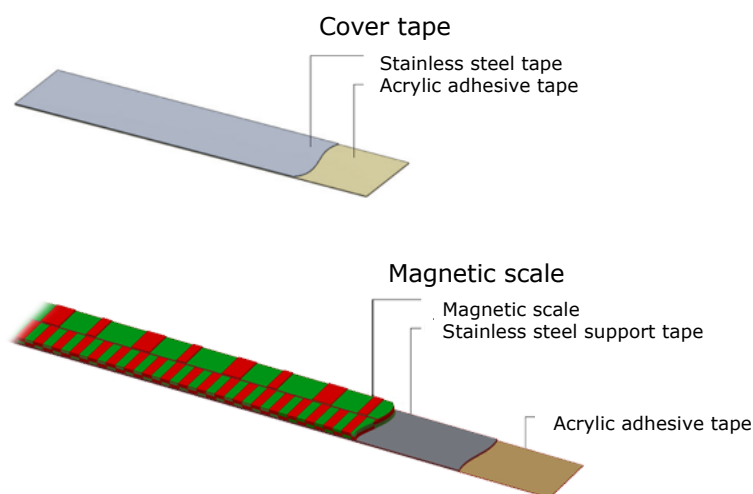


Mechanical characteristics

Material	plastic, stainless steel	
Dimensions	Magnetic scale	Cover tape (Type DB01)
Width	10 mm	10 mm
Thickness	1,5 mm	0,15 mm
Length	max. 48 m	max. 48 m
Pole pitch	2 mm	
Accuracy	±18 µm (refers to length 1 m)	
External magnetic fields operation	< 30 mT (no damage) < 1 mT (no influence)	
Storage temperature	-20°C ... +80°C	
Temperature coefficient	±11 ppm/k (entire system)	
Ambient temperature	-20°C ... +80°C	

Dimensions

Magnetic scale / Cover tape



Datasheet

Ordering example

Type **M02-A** - **18** - **1000** - **DB01**

Accuracy

18 = 18 µm (refers to length 1 m)

Measuring length

1000 = 1,0 m

Cover tape

O = without

DB01 = Cover tape Type DB01



Length of magnetic scale less 80 mm (= usable measuring length).
Magnetic scale and cover tape (on a roll) can be supplied assembled to any length up to 48 m according to requirements.

Without prior notice, the products may be subject to modifications that the Manufacturer reserves to introduce as deemed necessary for their improvement.