

Magnetic Sensor LE100/1 und Magnetic Band MB100



Specifications:

+ Supply voltage	10,5 - 30 VDC; 5 VDC +/- 5% optional 5 V DC +/- 5%
+ Power consumption	<25 mA @ 24VDC; <50mA @ 5VDC
+ Protection	reverse battery protection
+ Connection	flying leads
+ Material of casing	metal
+ Output signals	sinusA, B, phase-shifted by 90°
+ Output current	I out max. 5 mA per signal path
+ Signal size	approx. 1 V _{ss}
+ Travel speed	max. 10 m/s
+ System accuracy	depending on interpolation electronics
+ Gap strip/sensor	0,1 - 0,4 mm (without cover strip)
+ Working temperature	-10...+70 °C
+ Storage temperature	-30...+80°C
+ Interference protection class	3, accord. to ICE 801
+ Test mark	CE
+ System of protection	IP 67 reading S

Magnetic Sensor LE100/1

Contactlessly measuring scanning unit with integrated analog signal output (sine 1 V_{ss}). Together with the magnetic scale MB100 and a follower interpolation electronics unit, the LE100/1 forms an open linear measuring system.

Features:

- + Easy mounting
- + LED status display
- + Signal period 1000 µm (analog)
- + Scale MB100
- + Reference signal (option)
- + Insensitive to dust, shavings, humidity

Magnetic Band MB100

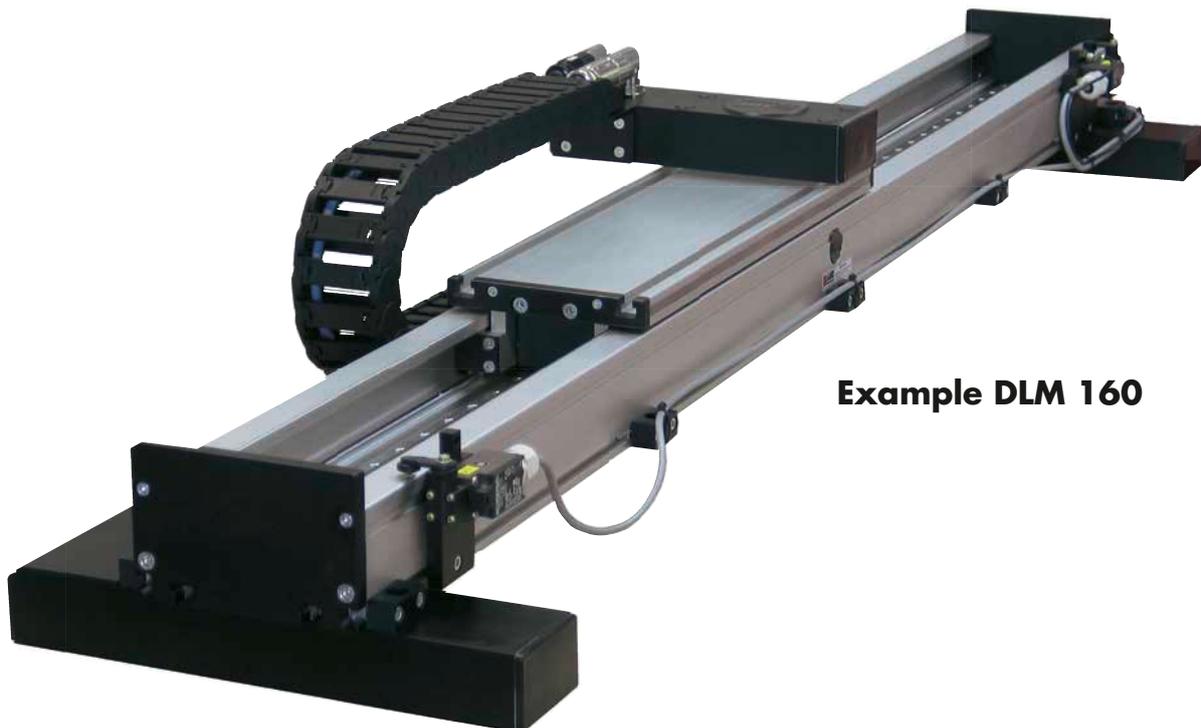
The magnetic band consists of a magnetic tape magnetized at regular distances and firmly joined with the carrier strip. For mounting a special adhesive tape is pre-mounted

Features:

- + Easy mounting by glueing
- + Insensitive to dust, shavings, humidity...
- + accuracy class 50 µm/1000 mm

Options

- + Stainless stell strip



Example DLM 160