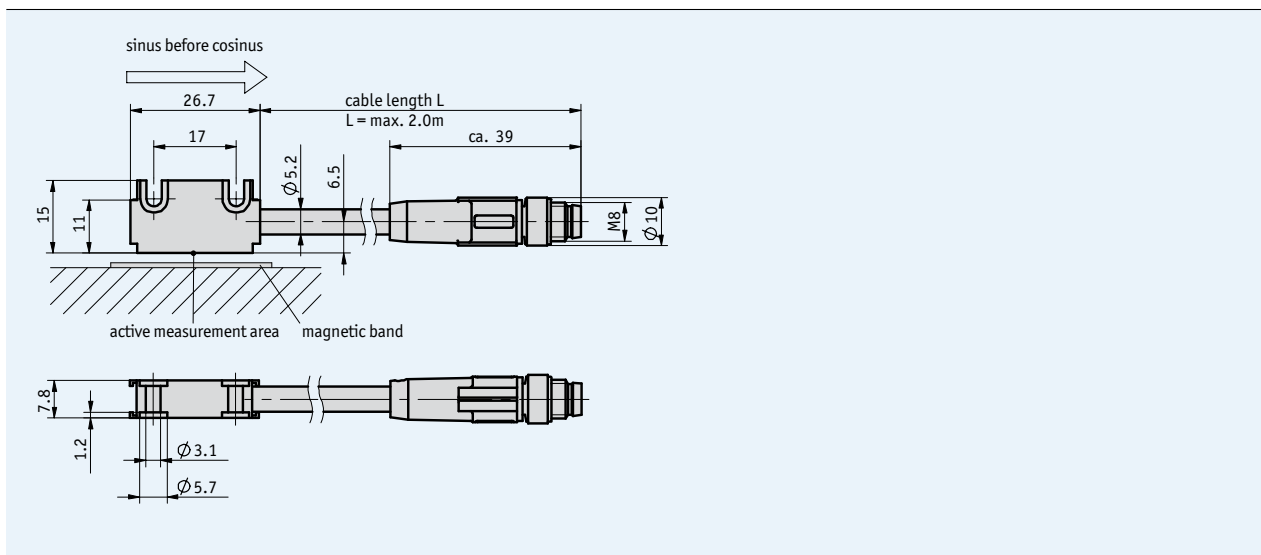


Profile

- Compact design of sensor and connector
- To be connected to AP04S
- Works with magnetic band MB500, MR500, MBR500
- Max. sensor/band reading distance 2 mm



1.2



Mechanical data


Feature	Technical data	Additional information
Scale embodiment	MB500, MR500, MBR500	
System accuracy	depends on downstream electronics unit	
Repeat accuracy	depends on downstream electronics unit	
Sensor/band reading distance	0.1 ... 2 mm	
Travel speed	depends on downstream electronics unit	
Housing	aluminum, varnished red	
Sensor cable	PUR	
Bending radius	52 mm	dynamic
Operating temperature	0 ... +60 °C	
Storage temperature	-20 ... +70 °C	
Humidity	100 % rh	condensation permitted
Protection category	IP67	

Electrical data

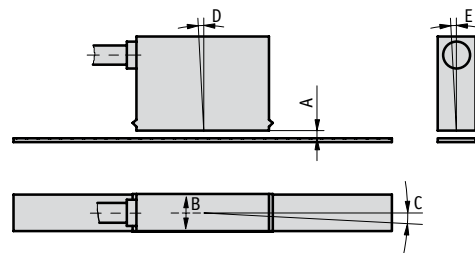
Feature	Technical data	Additional information
Operating voltage	feed via Position Indicator/ downstream electronics unit	
Current consumption	depends on Position Indicator/ downstream electronics unit	
Type of connection	flat connector	

Mounting instruction

Sensor/band reading distance A	max. 2 mm
Lateral offset B	max. ± 2 mm

 The connection must not be changed (e.g., different cable, cable length ...)

Sensor/band reading distance (symbolic sensor representation)



Order

Order table

Feature	Order data	Specifications	Additional information
Cable length L	... A	0.5 ... 2.0 m, in steps of 0.5 m	

Order code

MS500H - - -

Scope of delivery: MS500H, User information, Allen fastening screws M3 x 14 mm ISO 4762, lock washers M3 DIN 7980, strain relief for sensor cable