

cpc Magnetic Encoder ME1 series



Features

- Very small and durable design
- Customer-selectable resolution
- Including index sensor
- Status LED

Specifications

- Only 8 mm high, 12 mm wide, 30 mm long
- RS422 A/B/Z incremental output
- Standard resolution: 1 μm
- Travel speed 6 m/s @ 1 μm resolution, 20 m/s @ 5 μm resolution
- Operates at 5 VDC \pm 10 %

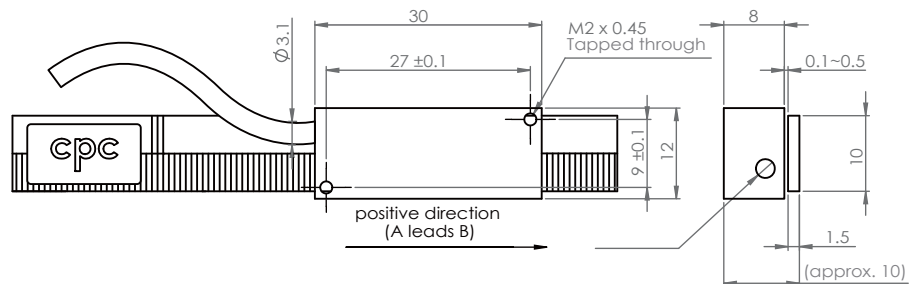
Wiring Information

colour	signal
blue	GND
red	5V
brown	A
green	A\
grey	B
yellow	B\
pink	Z
white	Z\

Assembly Dimensions

Please note orientation of head with respect to sticker on scale.

Unit:mm



Ordering Code

ME1	20	010	I	FL	3000
Cable length in mm (Standard: 3000)					
Connector type: FL : Flying lead DM: D-sub 9, male DF : D-sub 9, female					
I: Index					
Resolution code: see table attached					
Scale pitch code: 10: 1 mm 20: 2 mm (standard)					
Magnetic Encoder, model 1					

1 mm scale

Resolution (μm)	max. travel speed (m/s)	resolution code
0.5	3	005
1	6	010
2	13	020
5	20	050
10	20	100

2 mm scale (standard)

Resolution (μm)	max. travel speed (m/s)	resolution code
1	6	010
2	13	020
5	20	050
10	20	100

For more details please contact **cpc**.

* **cpc** reserves the right to revise any information (technical details) any time without notice, for printing mistakes or any other incidental mistakes. We take no responsibility.

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