



### ME110 – Single-axis digital readout

- Digital readout with double fixing possibility: on bench or built-in.
- Several user-friendly functions available.
- Power supply either via battery or mains supply.
- Magnetic body sensor made of metal, of small overall dimensions.
- Fixing of magnetic sensor by threaded holes M4 which can also be considered as through holes for M3 screws.
- Flexible cable max. length 4 m.
- Wide alignment tolerances.
- To be used with magnetic band **MP200** or **MP100**.

### ME110 2B

Battery powered

|                                   | ME110-1  | ME110-2    |
|-----------------------------------|--|------------|
| Version                           | closed (C)<br>front part only (F)  |            |
| Display                           | 6 ½ digits h = 13 mm   |            |
| Programmable resolutions          | 1 - 0.1 - 0.05 - 0.01 mm<br>0.01 - 0.001 - 1/16 - 1/32 - 1/64 inches<br>1° - 0.1° - 0.01° - 0.001° angular |            |
| Power supply                      | 3 V (2 LR6 AA batteries)   |            |
| Max. counting speed               | 2 m/sec  | 4 m/sec    |
| In combination with magnetic band | MP100  | MP200      |
| Pole pitch                        | 1+1 mm   | 2+2 mm     |
| Sensor - magnetic band gap        | 0.1 ÷ 0.4 mm   | 0.3 ÷ 2 mm |
| Accuracy                          | ± 10 µm  | ± 15 µm    |
| Protection class of sensor        | IP 67  | IP 67      |



### ME110 E

External power supply

|                                   | ME110-1  | ME110-2    |
|-----------------------------------|--|------------|
| Version                           | closed (C)<br>front part only (F)  |            |
| Display                           | 6 ½ digits h = 13 mm   |            |
| Programmable resolutions          | 1 - 0.1 - 0.05 - 0.01 mm<br>0.01 - 0.001 - 1/16 - 1/32 - 1/64 inches<br>1° - 0.1° - 0.01° - 0.001° angular |            |
| Power supply                      | external 1.5 ÷ 5 V   |            |
| Max. counting speed               | 2 m/sec  | 4 m/sec    |
| In combination with magnetic band | MP100  | MP200      |
| Pole pitch                        | 1+1 mm   | 2+2 mm     |
| Sensor - magnetic band gap        | 0.1 ÷ 0.4 mm   | 0.3 ÷ 2 mm |
| Accuracy                          | ± 10 µm  | ± 15 µm    |
| Protection class of sensor        | IP 67  | IP 67      |

