



Linear encoders
TTK70

MVM-01M-2MC-MKLB

Model Name > [MVM-01M-2MC-MKLB](#)
Part No. > [6037417](#)



At a glance

- Non-contact determination of absolute position
- Small, compact read head
- Standard SSI interface, combined with SinCos output
- Measuring lengths of up to 4 m
- High level of accuracy ($\pm 10 \mu\text{m}$)
- High resolution ($1 \mu\text{m}$)
- High travel speed of up to 10 m/s

Your benefits

- Easy to integrate into existing systems
- Small size, light weight and high measurement speed make it ideal for a variety of applications
- After installation, the system is immediately available and completely maintenance-free, which leads to time and cost savings
- Immune to environmental factors like contamination and condensation, ensuring increased reliability
- Real-time speed determination plus absolute positioning due to SinCos and SSI output



Performance

Measuring length: $\leq 4,000 \text{ mm}$

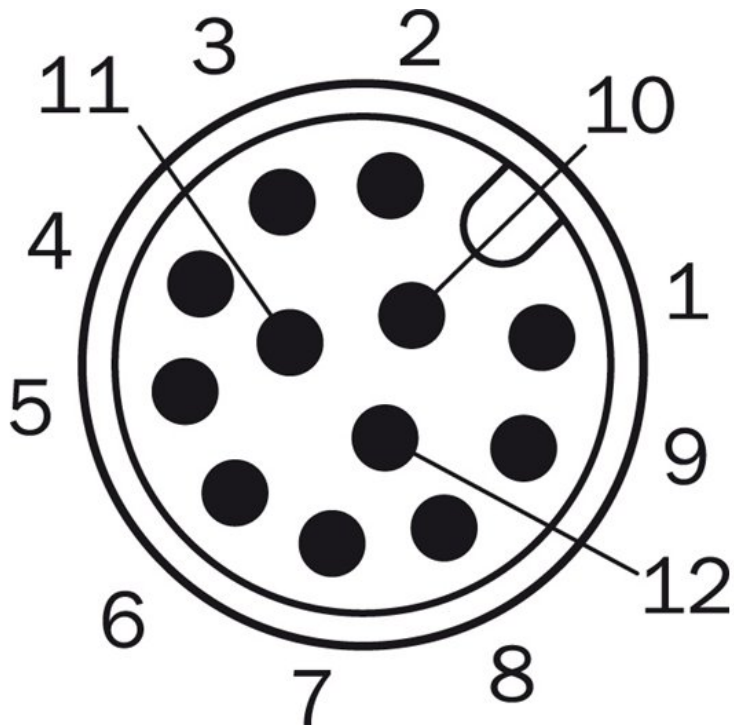
Mechanical data

Dimensions: See dimensional drawing
Mass: 0.18 kg per meter
Material: 17410 Hard ferrite 9/28 P

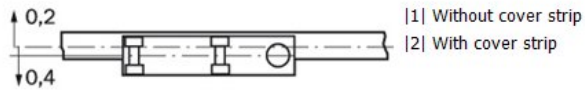
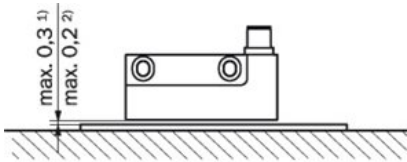
Ambient data

Working temperature range: $-20 \text{ }^\circ\text{C} \dots 70 \text{ }^\circ\text{C}$
Storage temperature range: $-30 \text{ }^\circ\text{C} \dots 80 \text{ }^\circ\text{C}$, without package
Permissible relative humidity: 100 % (condensation permitted)

Dimensional drawing



Position tolerance



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