

## MOTO TIMER TURNER

Engine hour meter for mechanical motion



### Application:

- Mechanical motion and rotation
- Add-on devices, wood-splitter, shredder, production machines etc.

### Connectivity:

- Sensor and magnet, similar to a bicycle tachometer

### Function:

- Total engine hours, not resettable
- Indication range: 0,1 – 9.999,9 h
- Resolution: 1/10h = 6 min.

### Technical data:

<b>Dimensions:</b>	56mm x 35,5mm x 16mm
<b>Weight:</b>	27g
<b>Housing:</b>	plastic, shock-proof and impact-resistant (IP67)
<b>Connection cable:</b>	1.200mm
<b>Display:</b>	LCD-Display 12,7mm x 24,5mm, Digit Height 6mm
<b>Accuracy:</b>	+/-0,01% @ 25°C
<b>Temperature range:</b>	-40°C - +52°C
<b>Power supply:</b>	Internal lithium battery, Battery life: >8 years Internals 100% encapsulated
<b>Minimum speed:</b>	15 rpm
<b>Sensor:</b>	Length: 20mm, diameter: 5mm, maximum distance to magnet: 6mm
<b>Magnet:</b>	Weight: 3gr., diam: 5mm, high: 1,5mm
<b>Certificates:</b>	RoHS, CE, WEEE-20128785, REACH
<b>Article number:</b>	MT-002

Fig. 1

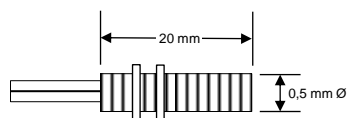


Fig. 2



Fig. 3

### Pickup-Sensor



### Pickup-Magnet

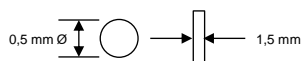
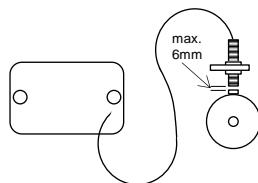


Fig. 4



Distance magnet to sensor max. 6mm

### Installation:

#### On rotating shafts, flywheels, machine slides

The function of the Moto Timer Turner is similar to a bicycle tachometer. As soon as the magnet passes the sensor, the hour meter starts counting.

For continuous recording, it is necessary that the magnet passes the sensor minimum every 4 seconds. This corresponds to a minimum speed of 15 rpm.

The distance between magnet and sensor must not exceed 6mm (fig. 4).

The magnet should be fixed by a suitable adhesive to ensure a reliable functionality.

**Never drill into gas tanks, engine crankcase or other hazardous material containers! Contact a qualified dealer if in doubt. Always wear safety glasses while installing. The mounting area should not exceed 65°C. This engine hour meter is not a toy! Keep away from children.**