

Electronical meter for operating hours ACTIMAT

Installation and operating instruction

June 2003

1. Performance features:

The Actimat has been designed to determine the operating time of machines and implements. A vibration sensor records the machine's vibrations and starts the operating hours' meter. The Actimat runs with an internal battery. If the Actimat is not activated it switches to a mode which saves energy. The display is off then. This electronic solution enables the device to be operated over a long period without batteries having to be changed. You cannot open the device so it is tamper-proof.

2. Function

With a vibration sensor Actimat starts counting with arising agitation. The display shows the accumulated operating hours, which are increasing as long as agitation takes effect.

The time measurement is not valid until 2 minutes. This ensures not recording single agitations. The shown values are stored every completed minute.

If the Actimat determines no agitation for more than 30 seconds, the display is switched off.

3. Display

The operating hours are shown on a display with six numeric characters. 0000:00 (hours:minutes).

If the meter reading 9999:59 is exceeded the display changes to 10000.0 (hours.tenth-hours).

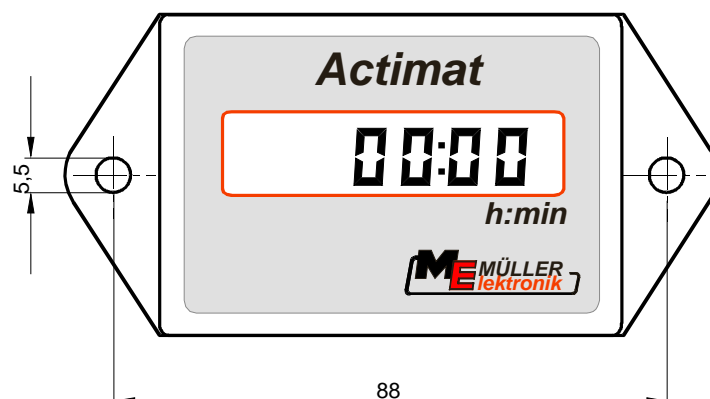
The valuation runs from 0000:01 hours to 99999.9 hours.



4. Installation

The Actimat has to be mounted with two screws (M5). The upright installation is recommended. Please be aware that the device has to be protected against mechanical damage, extreme atmospheric influences and extreme vibrations.

The installation is not to be done near strong magnetic fields.

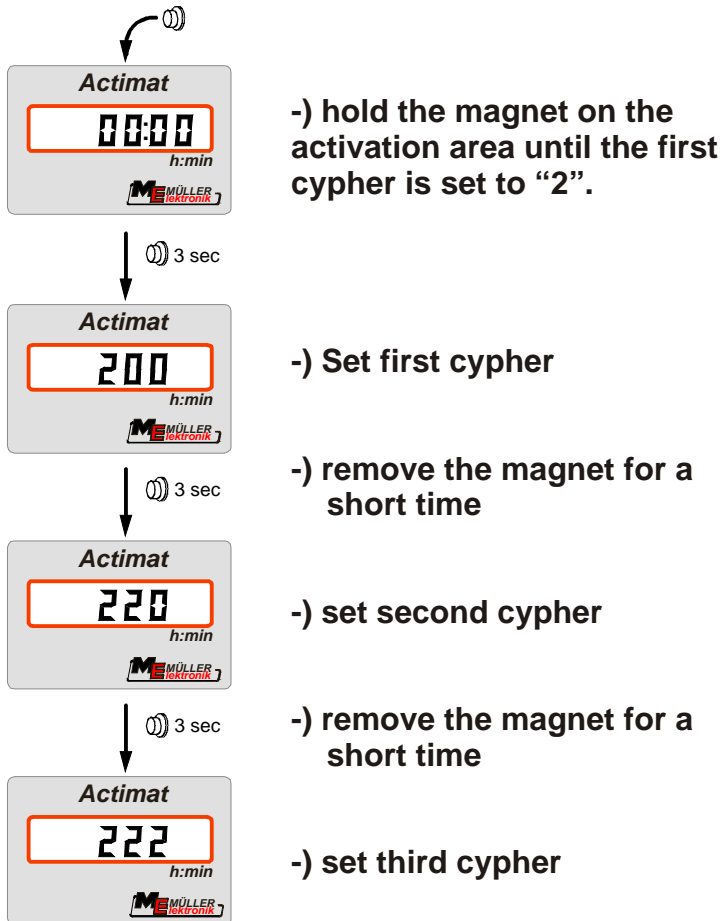


5. Initial operation

After the Actimat has been installed, an initial operation must be done. The magnet supplied must be moved over the position marked on the casing.

The following steps have to be done quickly one after another (3 seconds)

To start put in 2 2 2 as it is described now:



Advice:

After a wrong input wait 5 seconds and try again.

After input of the cyphers 2 2 2 the display changes to the time counter mode.

By actuating an agitation the function of the Actimat can be tested. The flashing colon shows that the Actimat is now ready for operation.

After the initial operation switching off the Actimat and clearing the time counter is not possible any more.

6. Maintenance

Actimat is maintenance-free. The device should not be exposed to high pressure water or stream jets.

7. Technical data

Display:	up to 99999.9 hours
Protection:	IP 65
Operating temperature:	-20 to +60 °C
Power supply:	internal battery
Dimensions:	W104 x H52 x D27 mm



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