Digital Panelmeter

**M2**

for torque and speed measurement of pickups, with speed options

The device series M2 is equipped with a MIN / MAX memory and optional with two relay outputs. The powerful LED's and simple operation via keypad facilitate the handling of the equipment in daily operation. The display of this instrument installation is 5 digits and can be scaled relative to the input frequency.

<table>
<thead>
<tr>
<th>Assembly dimension</th>
<th>Power supply</th>
<th>Order code</th>
</tr>
</thead>
<tbody>
<tr>
<td>96 x 48</td>
<td>DC 10 - 30 V</td>
<td>M2-1FR5B.0007.670CD</td>
</tr>
<tr>
<td>96 x 48</td>
<td>230 V AC</td>
<td>M2-1FR5B.0307.570CD</td>
</tr>
</tbody>
</table>

**Available options**

<table>
<thead>
<tr>
<th>M2</th>
<th>1FR5B</th>
<th>0307</th>
<th>57</th>
<th>2</th>
<th>CD</th>
</tr>
</thead>
</table>

**Switching points:**

- None: 0
- 2 Relay outputs: 2
Technical Specifications

### Protection
- **Front:** IP 65
- **Rear:** IP 00

### Connection
- Rückseitig: via plug-in-terminals up to 2,5mm²

### Measuring input
- **signal:** Pulse input; 3-core-initiator
- **Input resistance:**
  - High/Low level => 15 V / < 4 V
  - High/low TTL-level = > 4,6 V / < 1,9 V
- **Input frequency:** 0,01 Hz to 999,99 kHz

### Accuracy
- **Measuring fault:** ± 0,05 % of full scale
- **Temp. drift:** 50 ppm/K

### Output
- **Relay output:** with change-over contact
  - 250 V / 5 AAC, 30 V / 5 ADC

### Indication
- **Display:** LED with 7 segments, 14mm high
- 5 digits=display -19999 to 99999 Digit
- **Overflow:** transversal bars at the head
- **Underflow:** transversal bars at the bottom
- **Display time:** 0,1 to 10,0 seconds

### Environmental conditions
- **Operating temperature:** 0 to +50 °C
- **Storing temperature:** -20 to +80 °C

### Power supply
- **Voltage:**
  - 230 VAC +/- 10 % (max. 10 VA)
  - 10-30 VDC +/- 10 %, galvanically separated (max. 4 VA)