WEIGHING INDICATOR

- **Weighing indicator**, general purpose manufactured according modern electronic technology.
- **OIML R76 & EN 45501 Approved**, single or Multi-range, 6000 div at 0,6 µV/div.
- Friendly **configuration and calibration menu**.
- **High resolution**: 24 bits A/D, 16 million internal divisions; 100.000 external divisions. 50 reading/sec.
- **Display**: 7 digit 20mm LED high bright.
- **RS-232 serie port** for PC, printer or remote display connection.
- **Excitation** at 6 V DC, for up to 4 load cells 350 Ω or 8 load cells 700 Ω.
- High electromagnetic **interference protection**.
- **Stainless Steel** enclosure with mounting kit.
- **Multi-range**: for a dual range and dual division size.
- **Standard Ticket or customized from PC**.
- **Linearity Correction**.
- **Pre-calibration mV**: Allows to start-up the scale by entering used load cell capacity and nominal sensitivity in mV/V.

- **Two calibration Sealing** methods: Software sealing by a calibration counter register or mechanical sealing. Use depends on local country regulation.

**Applications:**
- Weight Indicator for industrial scales, platform scales, pallet-scales, truck scales.
- Scales in food, chemical and pharma industries, with hermetic stainless steel version IP65.
- Weighing Indicator for Tank and Silos.
- Piece counting and Totalizations (accumulation of weights).
- Configurable as a weight indicator or as a remote display of other weight indicator.
- Animal weighing / Check-weigher.

**OPTIONS:**
- Enclosure IP65
- Clock
- 4 digital inputs & 4 digital outputs
- Analog outputs
- RS-485
- Power Supply 230 V AC or 12 V DC
- SMART **ATEX** version for Zone 2 (gas) and Zones 21-22 (dust)
89350  WEIGHT INDICATOR SMART
• Stainless Steel enclosure (non hermetic).
• External connectors for load cells input and RS232 Port.
• Power Supply at 230 ±10% V AC 50/60 Hz 6W.

89351  WEIGHT INDICATOR SMART IP65
• IP65 Stainless Steel enclosure.
• Hermetic cable gland entries and internal terminal connection.
• Power Supply at 230 ±10% V AC 50/60 Hz 6W and
  12V DC (9...18 V DC) 600 mA.

89352  WEIGHT INDICATOR SMART TIME
• Stainless Steel enclosure (non hermetic).
• External connectors for load cells input and RS232 Port.
• Power Supply at 230 ±10% V AC 50/60 Hz 6W.
• Clock: Date-Time.

89353  WEIGHT INDICATOR SMART IP65 TIME
• IP65 Stainless Steel enclosure.
• Hermetic cable gland entries and internal terminal connection.
• Power Supply at 230 ±10% V AC 50/60 Hz 6W and
  12V DC (9...18 V DC) 600 mA.
• Clock: Date-Time.

89354  WEIGHT INDICATOR SMART MULTI 1
• Stainless Steel enclosure (non hermetic).
• External connectors for load cells input and RS232 Port.
• Power Supply at 230 ±10% V AC 50/60 Hz 6W.
MULTI 1 Board:
• Clock: Date-Time.
• 4 Digital Input and 4 Digital Output.
• RS485 Communication Port.

89355  WEIGHT INDICATOR SMART IP65 MULTI 1
• IP65 Stainless Steel enclosure.
• Hermetic cable gland entries and internal terminal connection.
• Power Supply at 230 ±10% V AC 50/60 Hz 6W and
  12V DC (9...18 V DC) 600 mA.
MULTI 1 Board:
• Clock: Date-Time.
• 4 Digital Input and 4 Digital Output.
• RS485 Communication Port and additional RS232Tx.

89356  WEIGHT INDICATOR SMART MULTI 2
• Stainless Steel enclosure (non hermetic).
• External connectors for load cells input and RS232 port.
• Power Supply at 230 ±10% V AC 50/60 Hz 6W.
MULTI 2 Board:
• Clock: Date-Time.
• 4 Digital Input and 4 Digital Output.
• RS485 Communication Port Opto-Isolated and additional
  RS232Tx.
• Analog Output: 0-5V, 0-10V, 0-20mA, 4-20mA; Opto-Isolated.

89357  WEIGHT INDICATOR SMART IP65 MULTI 2
• IP65 Stainless Steel enclosure.
• Hermetic cable gland entries and internal terminal connection.
• Power Supply at 230 ±10% V AC 50/60 Hz 6W and
  12V DC (9...18 V DC) 600 mA.
MULTI 2 Board:
• Clock: Date-Time.
• 4 Digital Input and 4 Digital Output.
• RS485 Communication Port Opto-Isolated and additional
  RS232Tx.
• Analog Output: 0-5V, 0-10V, 0-20mA, 4-20mA; Opto-Isolated.
This module is a conversion unit that directly connects the logical inputs and outputs of the Smart indicator and provides the user with 4 contact inputs and 4 relay outputs as well as the necessary power supply.

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>POWER</strong></td>
<td></td>
</tr>
<tr>
<td>Input voltage</td>
<td>230 V AC 50/60 Hz</td>
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<tr>
<td>Fuse</td>
<td>250 V, 100 mA</td>
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<tr>
<td>Consumption</td>
<td>2.4 W</td>
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<tr>
<td><strong>OPERATING CONDITIONS</strong></td>
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</tr>
<tr>
<td>Operating temperature Range</td>
<td>-25°C / +50°C</td>
</tr>
<tr>
<td>Storage Temperature limits</td>
<td>-25°C / +70°C</td>
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<tr>
<td><strong>INPUTS AND OUTPUTS</strong></td>
<td></td>
</tr>
<tr>
<td>Inputs: Maximum Voltage</td>
<td>24 V DC</td>
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<tr>
<td>Relay Outputs</td>
<td>125 V AC / 1A</td>
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<tr>
<td></td>
<td>30 V DC / 1A</td>
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<tr>
<td><strong>MECHANICAL CHARACTERISTICS</strong></td>
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<tr>
<td>Size</td>
<td>136 x 82 x 57 mm</td>
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<tr>
<td>Weight</td>
<td>0.2 kg</td>
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**TECHNISCHE DATEN**

<table>
<thead>
<tr>
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<th>Specification</th>
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<tbody>
<tr>
<td><strong>SPANNUNGSVERSORGUNG</strong></td>
<td></td>
</tr>
<tr>
<td>Eingangsspannung</td>
<td></td>
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<tr>
<td>Sicherung</td>
<td></td>
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<tr>
<td>Leistung</td>
<td></td>
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<tr>
<td><strong>UMGEBUNGSBEDINGUNGEN</strong></td>
<td></td>
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<tr>
<td>Gebrauchstemperatur</td>
<td></td>
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<tr>
<td>Lagertemperatur</td>
<td></td>
</tr>
<tr>
<td><strong>EIN- UND AUSGÄNGE</strong></td>
<td></td>
</tr>
<tr>
<td>Maximale Eingangsspannung</td>
<td></td>
</tr>
<tr>
<td>Relaisausgang</td>
<td></td>
</tr>
<tr>
<td><strong>ABMESSUNGEN UND GEWICHT</strong></td>
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<tr>
<td>Abmessungen</td>
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<td>Gewicht</td>
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