

# Preset counters mechanic

## Large meter and revolution counters, subtracting

### Display 5 digits, manual reset by lever

#### ME230, UE230



ME230 - Meter counter



UE230 - Revolution counter

#### Technical data - electrical ratings

|                    |  |
|--------------------|--|
| Preset             | 1 preset   |
| Preset setting     | Press reset button and hold. Enter desired value in any order. Release reset button. |
| Limit switch       | Trigger at zero (subtracting)  |
| Output contact     | Change-over contact  |
| Switching voltage  | 230 VAC / VDC  |
| Switching current  | 2 A  |
| Switching capacity | 100 VA / 30 W  |
| Spark extinguisher | Recommended for inductive load   |

#### ME230

|            |   |
|------------|---|
| Precontact | Permanent precontact as permanent contact (please indicate desired value when ordering) |
|------------|---|

#### Features

- Preset counter with one preset
- Meter or revolution counter
- Subtracting
- Display 5-digits
- Reset by lever
- ME230 with precontact

#### Technical data - mechanical design

|                           |   |
|---------------------------|---|
| Number of digits          | 5-digits  |
| Digit height              | 7 mm  |
| Count mode                | Adding in a rotational direction to be indicated, subtracting in reverse direction. See part number key |
| Drive shaft               | Both sides, $\varnothing 7$ mm  |
| Reset                     | By reset lever to preset value. Do not let snap lever or make jerky movements.                          |
| Measuring range           | See ordering part number  |
| Operating temperature     | 0...+60 °C  |
| Housing type              | Surface mount housing   |
| Housing colour            | Grey  |
| Dimensions W x H x L      | 126 x 88 x 78 mm  |
| Dimensions mounting plate | 142 x 88 mm   |
| Mounting                  | Base plate, 4 mounting holes  |
| Weight approx.            | 950 g   |
| Material                  | Aluminium die cast alloy  |
| E-connection              | Terminal block connector  |

#### ME230

|                     |  |
|---------------------|--|
| Function            | Meter counter with preset  |
| Display             | White numbers on black<br>Decimal digits in red                    |
| Measuring speed     | 2 revs. = 1 digit = <2500 m/min<br>2 revs. = 10 di. = <250.0 m/min |
| Measuring precision | 1 m, 1 dm  |

#### UE230

|                 |                                |
|-----------------|--------------------------------|
| Function        | Revolution counter with preset |
| Display         | White numbers on black         |
| Operating speed | ≤5000 rpm                      |

