Electro-mechanical pulse counter
Mechanical zero reset
Exciting voltage 24 V DC
Pulse frequency max. 10 pulses/s

Function
The pulse counter consists of a counting magnet with a drum-type counting mechanism. When the armature is attracted, the numeral drum is advanced a half step and completes this step when the armature is released. Zero reset is accomplished mechanically by pressing a button.
Pulse Counters

Technical data

Pulse counters

ON-time
unlimited

Exciting voltage (power supply)
24 V DC, −20...+15%

Coil resistance
180 Ω

Rated current
133 mA

Power consumption
ca. 3 W

Temperature range
−5...+45 °C

Max. pulse frequency
10 pulses/s

Min. pulse duration
18 ms

Min. interpulse period
18 ms

Service life
approx. $2 \times 10^8$ pulses

Weight
approx. 140 g

Dimensions of the numerals
height 4 mm, width 2 mm

Terminal diagram

![Terminal diagram]

Dimensional drawings (dimensions in mm)

![Dimensional drawings]

1) Counter without zero reset do not have a button on the front.

Ordering information

<table>
<thead>
<tr>
<th>Catalog No.</th>
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<tbody>
<tr>
<td>6-digit, with zero reset</td>
</tr>
<tr>
<td>6-digit, without zero reset</td>
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<tr>
<td>8-digit, without zero reset</td>
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Pulse counters supplied ex stock.

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