

10.010

PULSE COUNTER

Approval Date: 30 November 2000

Reviewed on : 23 October 2007

Version: 2

Purpose

The pulse counter will be used during discharge measurements with 'rotating element' current meters. The revolution counter integration time will be measured with the stopwatch.

Conditions & Requirements

- The instrument shall be compatible with the environment of operation.
- The instrument shall be adequate for the application and the mode of working.
- pulse counter shall have facilities for pre-set time and pre-set pulse measurements.

Specifications

digital counter	electronic counter with LCD display
counting frequency	≥ 50 pulses per second, anti bounce input
counting range	≥ 999 pulses
counting resolution	1 pulse

pre-set time pulse counting

preset ranges	≥ 4 and infinite e.g. 30, 40, 60 and 100
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resolution of time measurement	≤ 0.1 s
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preset number of pulses	e.g. 10, 30, 60 and infinite
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power supply	standard dry cell(s), e.g. AA, C or D size
clock	quartz clock
display	good readability in daylight
operating temperature	0 to 60°C
humidity	95%
enclosure	rigid, portable, splash proof

Consumables

- batteries for one year counter operation

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