PURPOSE

Pulse oscillator MIG-1-TK is designed for frequency signals generating for calibration of tachometers TE-6K-TK or compatible which use contactless inductive switches with pulsed type signal or magnetic inductive sensors.

Pulse oscillator can be used for communication line between sensor and tachometer testing and tachometer functioning control in operation mode.

- Inductive switches with pulsed type signal or magnetic inductive sensor signal imitation.
- Possibility to choose five frequency values for user-defined list.
- Generating frequency indication according to set marks count.

SPECIFICATION

- Marks count ..... от 1 до 130*
- Output parameters according to modification:
  - MIG-1-TK-1 ..... voltage pulses with duration 100mks
  - MIG-1-TK-2, MIG-1-TK-3 ..... variable polarity signal ±200mV
- Frequency range according to modification:
  - MIG-1-TK-1, MIG-1-TK-2 ..... 0,14..6400** pulses/min
  - MIG-1-TK-3 ..... 10..250** тыс. имп./мин
- Relative error frequency setting, %, up to ..... ±0.005
- Supply voltage ..... 10..30 VDC
- Current consumption, up to 100
- Operating temperature range ..... +5°C..+50°C
- Dust and moisture protection..... IP40

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* - pulse oscillator is producing with certain marks count from specific range. Marks count is set on production stage by customer's request.

** - real output frequency is n times more than displaying frequency, where n - marks count.

ORDERING DESIGNATION

Pulse oscillator **MIG-1-TK-***X*-*Y*, where

X – output type:

"1" – pulse output, contactless inductive switches with pulsed type signal sensors imitation;

"2" – differential output, magnetic inductive sensor imitation;

"3" – differential output with extended frequency range, magnetic inductive sensor imitation.

Y – marks count.

Example. **Pulse oscillator MIG-1-TK-1-2** – pulse oscillator with pulse output and two marks.

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