



Impulse counter

The impulse counter CTR is a small module for registering and processing the output signals of an incremental encoder.

The module comes equipped with a serial interface for programming and sampling of positional information as well as an interface for controlling the unit via the I/O signals of an SPS.

Programming:

The counter module can be controlled and programmed by ASCII-commands transmitted via the serial interface (see table below).

An SPS interface enables the module to be controlled via external I/O signals.

| Command | Function |
|---------|-------------------|
| S | start |
| Q | stop |
| C | clear |
| M | mode |
| ?P | position (counts) |
| ?S | status |
| ?M | mode |
| ?V | firmware version |

Specifications:

| | |
|------------------------------|--------------------------|
| Dimensions (L x W x H) [mm]: | 170 x 105 x 60 |
| Power supply: | 5V DC, 250 mA |
| Display: | 2-line LCD-display |
| Encoder-input signals: | A, B, (RS422) |
| Interpolation: | 1-, 2- or 4-fold |
| Max. input frequency [MHz]: | 1 |
| Control signals (SPS): | start, stop, clear, mode |
| Interface: | Serial (RS232) |
| Weight [g]: | 400 |
| Ambient temperature [°C]: | 0...40 |

