



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

