

This simple and affordable counter/rate indicator is ideal for indicating totalisation and monitoring rates.

- › **Compatible with a wide range of sensors**  
NPN, PNP, TTL, namur, tacho or closed contact
- › **Rate or totaliser display**
- › **Easy to use**  
Intuitive interface with scrolling text prompts
- › **Signal averaging on the rate**  
Reduces noise and optimises stable measurement
- › **Programmable front panel shortcut button**
- › **High speed mode available**  
For when input signal exceeds 10kHz



- › **Simple to calibrate using Pulses/Unit of measurement**
- › **Optional 4–20mA or 0–10V analog output**
- › **Optional RS232/RS485 serial port**

## Specifications

**Sensor types** NPN (default), PNP, TTL, namur, tacho or closed contact

**Input** 0–24V DC, 0–30V AC

**Input frequency** Counter: 100kHz max; Rate: 10kHz max (100kHz max in high speed mode)

**Power supply** HV (85–265V AC / 95–370V DC) or LV (15–48V AC / 10–72V DC)

**Display** 1 x 6 digit (13mm), 14 segment alphanumeric LED. 5 buttons

**Panel mount case** 48H x 96W x 120D (mm)

**Analog output** (Optional) 1 x isolated 16 bit 4–20mA/0–10V. Window programmable over any range within the full scale range of the controller

**Serial port** (Optional) Isolated RS232 (RJ11) or RS485 (screw terminal). Custom ASCII / Modbus RTU slave / Ranger A

**Excitation** 24V DC (50mA max)

**Noise filtering** 0.2kHz, 2kHz, 20kHz or off

**Minimum pulse width** Must be greater than 5µs

**Sampling rate** Counter: 10msec; Rate: 100msec

**Rate resolution** 0.01Hz (1Hz in high speed mode)

**Rate accuracy** 0.005% of reading

**Rate temperature drift** 2ppm/°C typical

**Security** Input setup is PIN protected

**Order code:** TEX-CTR10

**-HV** 85–265V AC / 95–370V DC

**-LV** 15–48V AC / 10–72V DC

**Options**

**-A** 1 x mA/V analog output

**-S2R** 1 x RS232 serial (RJ11)

**-S4S** 1 x RS485 serial (screw terminal)

*E.g. Order TEX-CTR10-LV, TEX-CTR10-A-S2R-HV*

