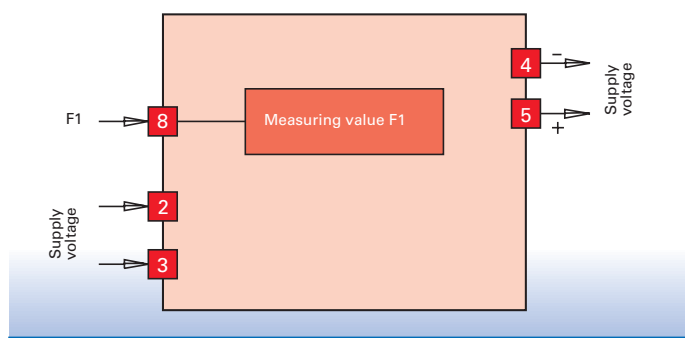




## Highlights

- ▶ 6-digit LED display, 14 mm high
- ▶ Detection and display of rpms and speed
- ▶ 1 digital input

## Block Diagram



## Order Designation

Order No.	Voltage
1	24 / 48 VAC
2	115 / 230 VAC
3	24 VDC

TA200.00  AXA1

## Technical Data

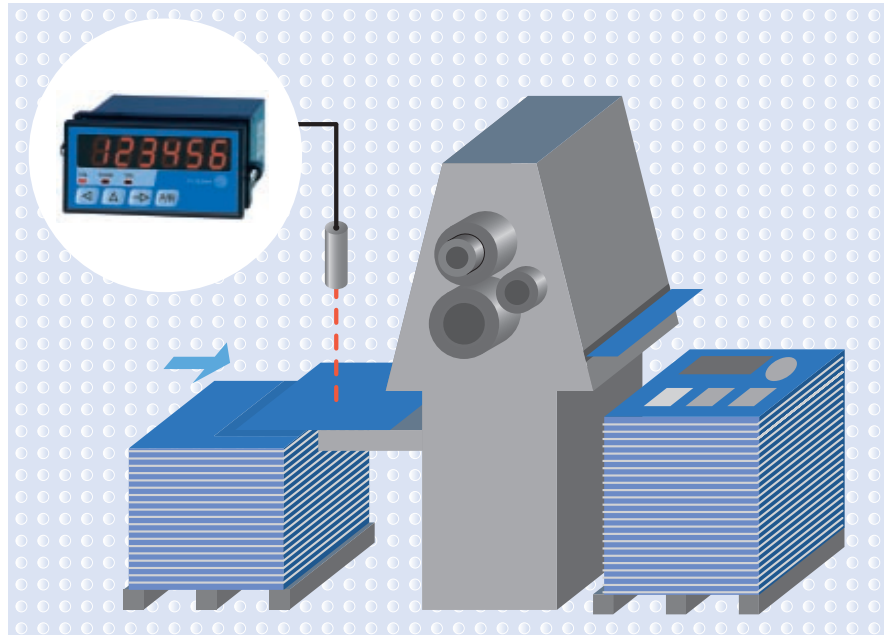
Ambient temp.	0...+50 °C
Storage temp.	-20...+70 °C
Protection	Front IP 65 to DIN 40050
Front dimension	DIN housing, 96 x 48 mm
Weight	AC version approx. 350 g DC version approx. 250 g
Display	Programmable decimal point Suppression of preceding zeros
Supply voltage	24/48 VAC ±10 % (50/60 Hz) 115/230 VAC ±10 % (50/60 Hz) 24 VDC ±10 %, 5 % RW

## Technical Data

Power consumption	7 VA, 5 W
Sensor power supply	12...26 VDC, max. 100 mA
Signal input	1 input, PNP/NPN logic
Input frequency	Max. 40 kHz or 25 Hz

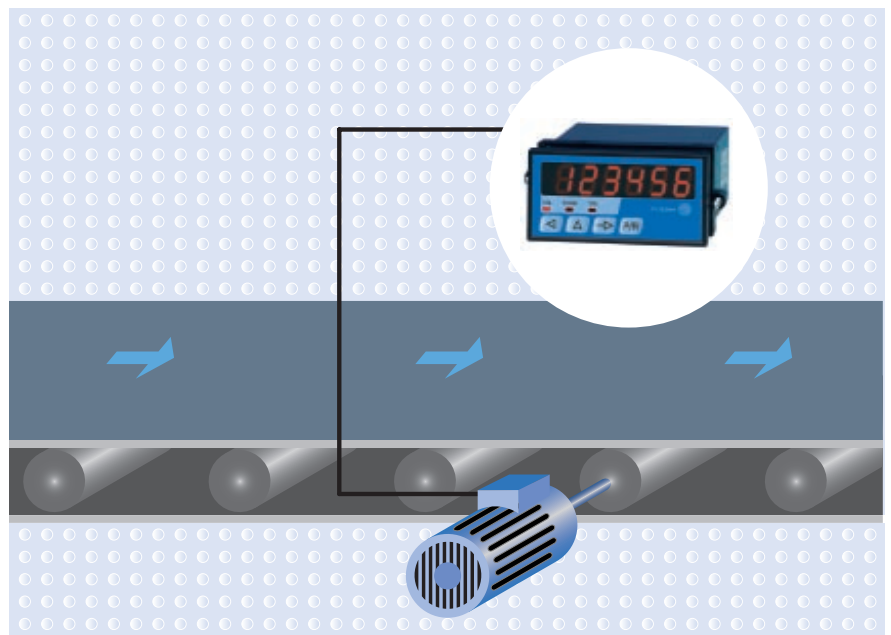
### Clock Pulse Display

When printing a wide range of materials, the optimum process speed can be displayed with the clock frequency. With the TA200 sensor frequencies up to 40 kHz can be evaluated as desired and displayed in the three common time units 1/sec, 1/min or 1/h. To obtain a smooth display with the largest time units, these can be programmed from 0.5..60 sec. with the "Update time" function.



### RPMs or Speed

The TA200 controllers are suitable for monitoring motor rpms, conveyor speeds, run-through times or clock rates. The period measurement and electronic evaluation steps enable a very convenient adjustment to different sensors or rotary transducers with any number of pulses. It is sufficient to simply enter the number of pulses per desired time unit. This also applies to various diameters of measuring wheels or pull-off rollers.



### Application Characteristics

- ▶ Detection and display of a time-related measured variable
- ▶ Connection for a digital sensor