

# tico 731

TYPE 2



## TECHNICAL DATA

## Technical data

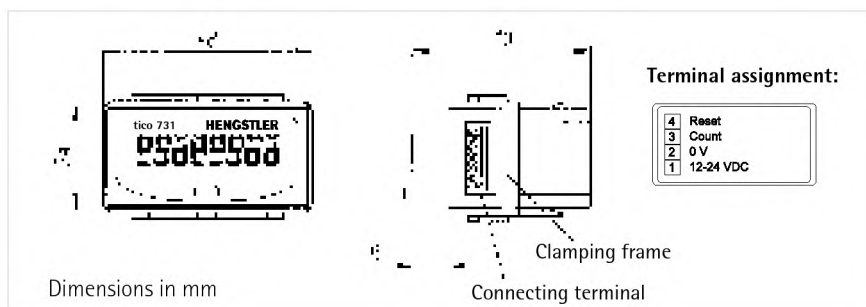
- LCD display
- DC supply voltage 12 – 24 V DC
- COUNT: programmable count input for voltage signal or contact, frequency 7.5 kHz or 30 Hz
- RESET: reset input with contact (negative, 30 Hz)
- short case

Operating temperature	-10 ... 50 °C
Storage temperature	-20 ... +60 °C
Electrical connection	screw terminals
Mmounting	with clamping frame
Front panel cutout	45 + 0.6 x 22 + 0.3 mm
Protection class (IEC 144)	front side IP 65, terminals IP 20
Dynamic strength	10 m/s <sup>2</sup> (10 ... 150 Hz) according to IEC 68-T2-6
Shock stability	100 m/s <sup>2</sup> (18 ms) according to IEC 68-T2-27
General rating	according to EN 61010, protective system II
Pulse shape	any square wave (1:1 for max. frequency)
Input resistance	< 50 kOhm (static)
Min. pulse length	17 ms (30 Hz), 70 µs (7.5 kHz)
Display	8-digit LCD, 7 mm
Supply voltage U <sub>b</sub>	12 ... 24 V DC
Current consumption DC	12 ... 24 V DC < 5 mA
Nominal data retention	nonvolatile memory > 10 years

Inputs:	
Amplitude thresholds	voltage input up to 7.5 kHz: < 0.7 V and > 5 V, max. 30 V DC
Active edge	negative or positive edge programmable
Counting frequency	programmable: 7.5 kHz or 30 Hz (attenuated for contacts)

Control inputs:	
Reset	- manual reset via keyboard (can be locked) - external reset with static behaviour, active edge negative attenuated 30 Hz
Reset lock	programmable via front key
Counting frequency	max. 7.5 kHz, transmission rate for numerical display: 100 Hz

## DIMENSIONS CONNECTION DIAGRAM



## ORDER NUMBER

Model tico 731

0 731 2 0 1

\* S \* Option: with plug-in screw terminals

- Software function
- 01 impulse counter
  - 02 tachometer (1/min)
  - 03 time counter (hhhh:mm:ss)
  - 04 time counter (hhhhh.hh)
  - 05 numerical display for PC