

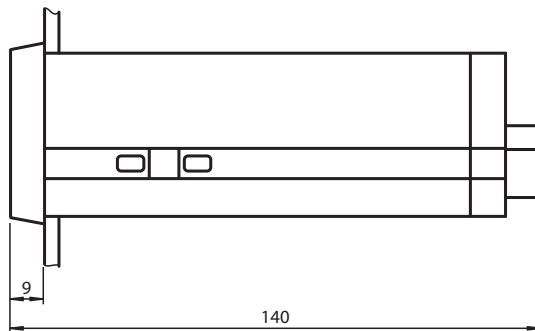
Counter/Timer/Tachometer TC-6A-V



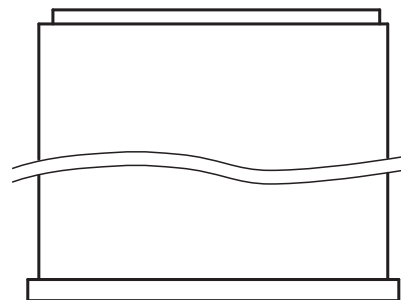
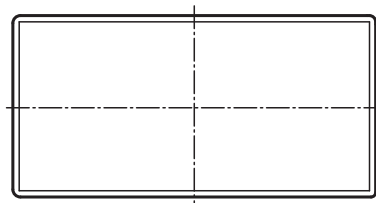
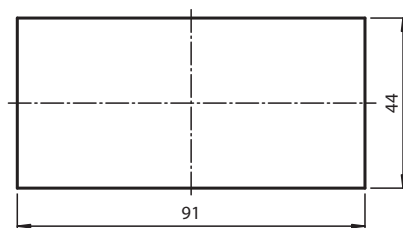
- Counter/Timer/Tachometer with analog voltage and current output
- Bright 6-digit LED indicator
- AC/DC multi-range power pack
- Counter frequency up to 25 kHz
- Power supply for pulse generator
- 2 separate switch inputs
- Menu driven operation
- Degree of protection IP64 in accordance with DIN EN 60529 (front only)
- Including hardware for control panel mounting



Dimensions



Cut-out in control panel



Technical Data

General specifications

Data storage	10 years, EEPROM
Programming	keypad-driven menu

Indicators/operating means

Type	7-segment LED display, red
Number of digits	6
Display value	digit height 15 mm
Display interval	-99999 ... 999999

Release date: 2020-03-20 Date of issue: 2020-03-26 Filename: 114354_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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 **PEPPERL+FUCHS**

Technical Data

Decimal point		freely adjustable
Scale factor		0.0001 ... 9.9999
Reset		manually/external/automatically
Electrical specifications		
Operating voltage	U _B	115 ... 230 V AC 16 ... 35 V DC
Power consumption	P ₀	7.5 VA
Input		
Counting frequency		25 kHz (Timer function 1 kHz)
Impedance		4.7 kOhm (positive logic)
Voltage		low: 0 ... 3.5 V DC high: 9 ... 35 V DC
Output		
Analog voltage output		-10/0 ... 10 DC
Analog current output		0/4 ... 20 mA
Linearity		<0.1 %
Sensor supply		24 V DC, 150 mA
Ambient conditions		
Ambient temperature		0 ... 45 °C (32 ... 113 °F)
Storage temperature		-25 ... 70 °C (-13 ... 158 °F)
Relative humidity		45 ... 90 % (noncondensing)
Mechanical specifications		
Connection		screw terminals, removable max. core cross-section 0.34 ... 1.5 mm ² (AC max. 2.5 mm ²)
Mass		approx. 450 g
Dimensions		96 x 48 x 140 mm

Connection

