

- Tachometer
- 1 preselection with additional pre-activation
- 6 decade devices
- LED indicators, red/green



Order code

TC-V6S-V

TC-V6S-C1

Technical data

General data

Preselection
Data storage

one
10 years, EEPROM

one
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Controls and indicators

Type (Display value/Preselection)
Number of decade devices
Digit height
Scaling factor
Decimal point
Parameter assignment

LED red/LED green
6
10 mm/7 mm
0 ... 999999
freely adjustable
via keypad, menu
driven
manual

LED red/LED green
6
10 mm/7 mm
0 ... 999999
freely adjustable
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manual

Reset

Inputs

Counting frequency
Input impedance
Input voltage

10 Hz/20 kHz
15 k Ω
low: 0 ... 6 V DC
high: 16 ... 30 V DC

10 Hz/20 kHz
15 k Ω
low: 0 ... 6 V DC
high: 16 ... 30 V DC

Delay times

External reset
Automatic reset
Manual reset
Time delay before availability

> 5 ms
< 100 μ s
< 100 ms
< 500 ms

> 5 ms
< 100 μ s
< 100 ms
< 500 ms

Outputs

Transistor output

PNP, normally-closed collector,
24 V DC,
100 mA, max. 35 V
220 V AC, 2 A
compare, hold

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24 V DC,
100 mA, max. 35 V
220 V AC, 2 A
compare, hold

Relay output
Output functions

Electrical data

Voltage
Power consumption
Power supply for sensor

100 ... 240 V AC
-15 %/+10 %
11 VA
24 V DC, 60 mA

12 ... 24 V DC
-20 %/+10 %
4 W
-

Ambient conditions

Ambient temperature
Storage temperature
Relative air humidity

-10 ... 50 °C
-20 ... 70 °C
35 ... 85 % (non-condensing)

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-20 ... 70 °C
35 ... 85 % (non-condensing)

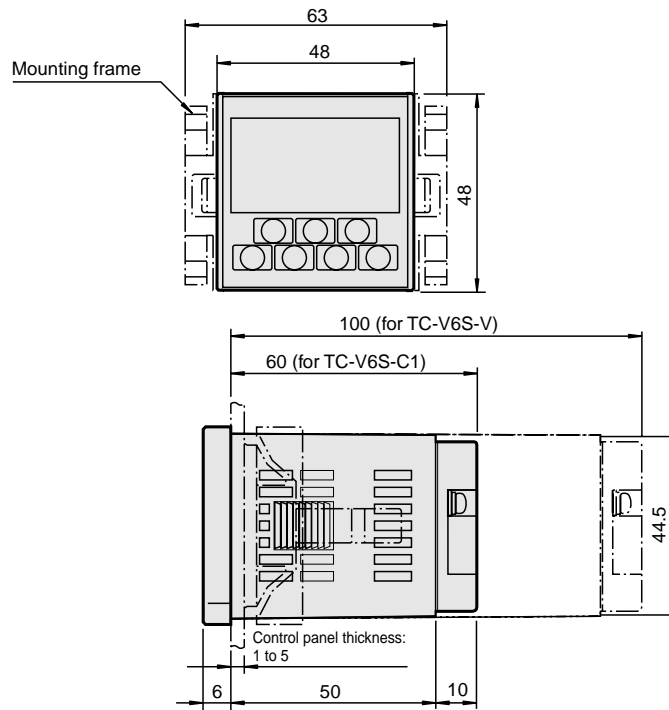
Mechanical data

Weight
Dimensions (L x H x D)
Fixing method
Connection
Maximum permissible core cross-section

approx. 150 g
48 x 48 x 106 mm
fixing frame
screw terminals
0.34 ... 1.5 mm²

approx. 110 g
48 x 48 x 66 mm
fixing frame
screw terminals
0.34 ... 1.5 mm²

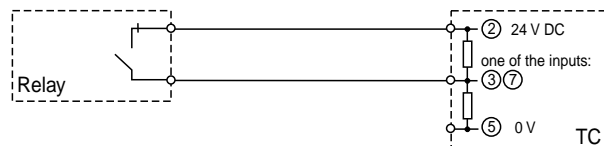
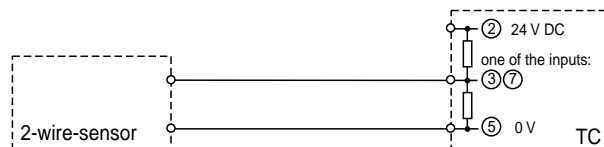
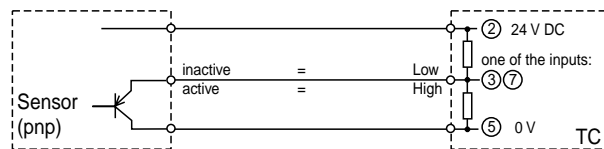
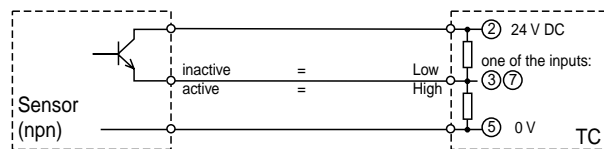
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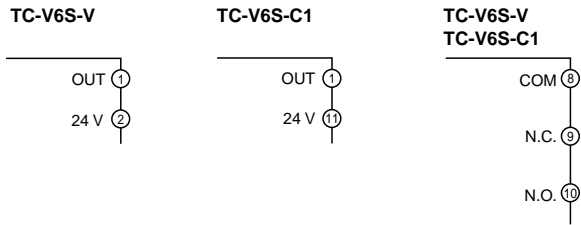


Additional features

- Power supply for pulse counter
- Counting frequency up to 20 kHz
- Device for indicating and monitoring rotational speed
- Menu driven programming
- Adjustment of rotational speed limit and pre-warning value
- Transistor output on reaching the pre-activation value
- Relay output on reaching the pre-selection value
- Data storage in the event of power failure
- Automatic reset or with external signal
- Fixing frame for built-in mounting
- Protection class IP65 in accordance with DIN EN 60529 (Front only)
- Shock resistance in accordance with DIN EN 60068-2-27
- Vibration resistance in accordance with DIN EN 60068-2-6

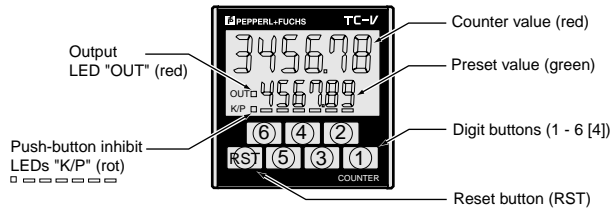
Electrical connection inputs



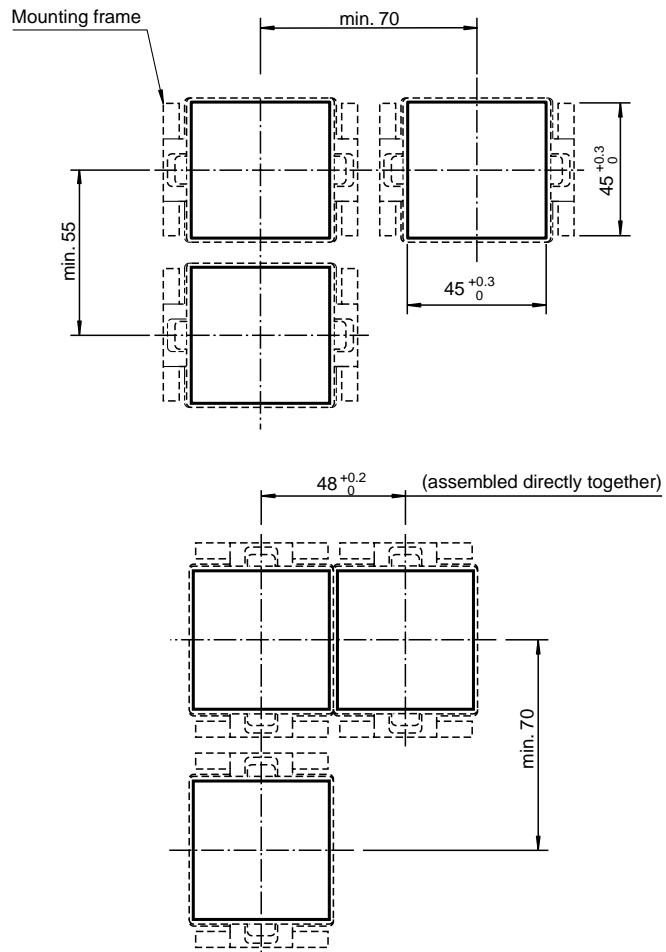


Additional data

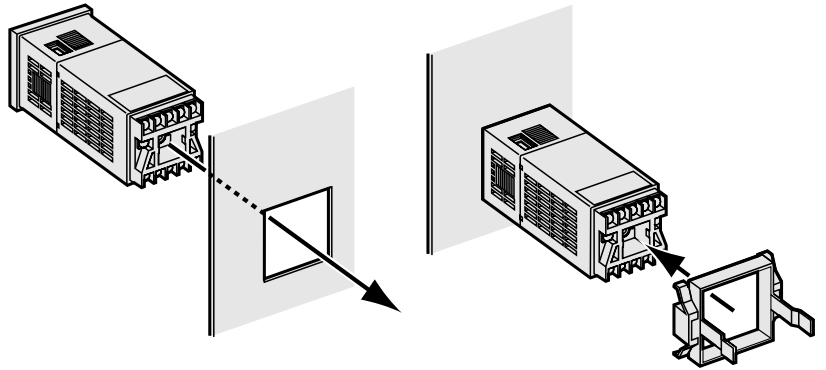
Controls and indicators



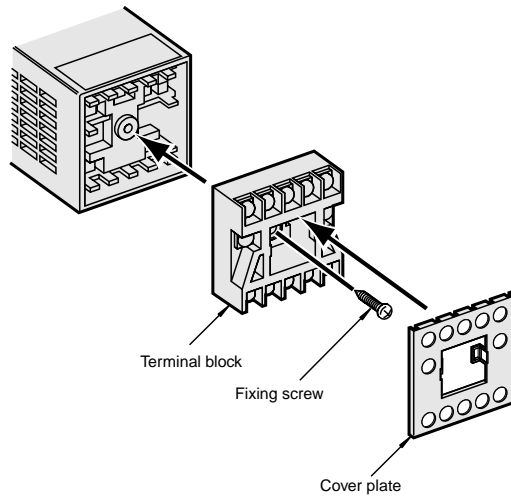
Mounting dimensions



Built-in fixing

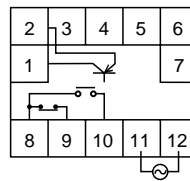


Terminal block and cable connection

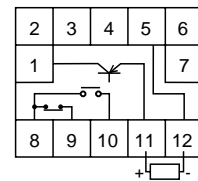


Position of the connector terminals

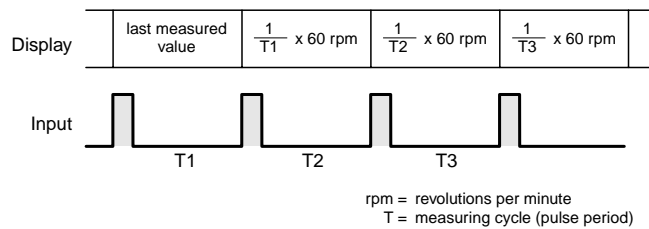
TC-V6S-V



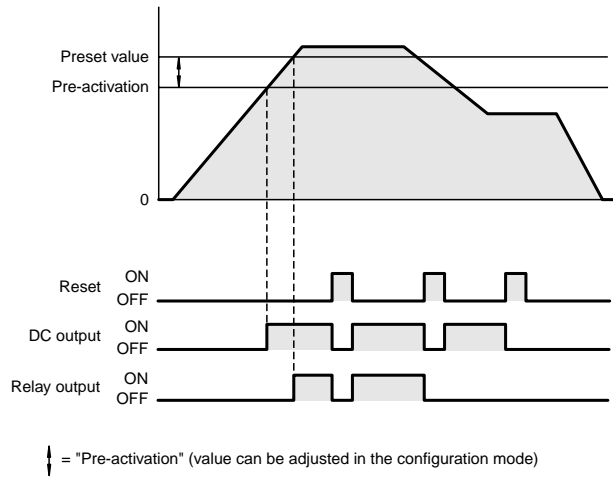
TC-V6S-C1



Indication of measured values



Output function signal sequence - "Hold"



Output function signal sequence - "Compare"

