

525K, 529K & 530K

Rate and Total Indicators with Pulse or Analog Inputs

Features

- 6 digit, LED display with very high luminosity
0.315" (8mm) digit height
- DIN housing, 1.88"x.944" (48x24mm)
- Easy programming with only 2 buttons
- Connection with screw terminal
- IP65 NEMA 4X (front)
- DC Powered



Flow Instruments
RATEMETERS/TOTALIZERS

525K

Totalizer and Ratemeter

- Display range 0..999999 with leading zero blanking
- Overflow condition will be indicated by 1 Hz flashing of rate value and leading zeros of totalizer
- Count frequency up to 10kHz
- Indicates rate / sec or min (1/Tau)
- SET-key resets the counter to zero (can be disabled in the setup)
- key to switch rate / total display
- 1 count input
- 1 reset input
- Separate multiplying factors counter /tachometer (0.00001...99.9999)
- Operating mode: Rate meter: 1/Tau (average value at higher frequencies)

Order #: 525K.2

529K & 530K

Analog Displays

- Display range -19999..0..99999 with leading zero blanking
- Resolution 14 bit
- 5 digit rate display; 6 digit total display (530K)
- 4 different resolutions (0..20mA; 4..20mA; 0..10V or 2..10V)
- Scaling factor for displayed value
- Automatic storage of maximum and minimum value (can be disabled in setup)
- Input to activate storing of displayed value

Listing: UL listed (file#: E128604)

Order #:

529K.2 = Rate Display Only

530K.2 = Rate and Total Display

Electrical characteristics:

- Supply Voltage: 10 to 30 VDC (50 mA)
- Data retention: EEPROM (1 million cycles or 10 years)
- Noise immunity acc. to EN 50081-2; EN55011 class B; EN 50082-2
- Ambient temperature: 14°F to 122°F (-10°C to +50°C)
- Input sensitivity: Low: 0 to 1 VDC High: 4 to 30 VDC (525K)
- Input resistance: 10 k ohm (525K)
- Polarity of inputs: programmable for all inputs in common
- Optocoupler: Max 30VDC, 10 mA, 1V drop @ 10 mA

Panel Cutout: 0.876" x 1.78" (22.3 x 45.2mm)
or 0.99" x 1.97" (25 x 50mm) with adaptor provided

