

INNOVEC

CONTROLS PTY LTD

INNOVEC C04HWP 4 DIGIT TOTALISOR



The **CO4HWP four digit LED Totaliser** is a 120/240 VAC or 18-36 VDC powered microprocessor based totaliser that incorporates a four (4) digit 100mm digit height LED display in a weatherproof surface mount enclosure.

It has dip switch selectable input for, CMOS logic, open collector transistor, reed switch, hall affect and turbine meter (20mV peak to peak minimum).to produce a total in the units of your choice using a field programmable K factor.

FEATURES

- Memory retention in power down for 10 years
- 85 to 265VAC 47-63 Hz supply or factory fitted 12 to 36vdc isolated supply
- Contact bounce elimination circuitry
- Microprocessor based
- Low cost – High performance
- Flow totalise
- High contrast LED display
- The C04HWP has a 4 digit 100mm digit height LED display
- Surface mounting IP65 weatherproof enclosure
- 24VDC transducer supply
- Touch switch programming of decimal point and k factor

They incorporate field programmable totalising rates and a 24 VDC isolated supply for powering remote sensors. The CO4HWP is supplied in a surface mount IP65 weatherproof enclosure. Screw terminal electrical connection is included.

TECHNICAL SPECIFICATIONS

Input Details

- The instrument counts input pulses and displays the totalised value on a four (4) digit LED display. The input is dip switch selectable for dry relay contact, open collector, turbine meter, reed or proximity switch and CMOS logic.
- CMRR greater than 86db
- NMRR greater than 100 db

Display

- Four (4) digit 100mm digit height high contrast light emitting diode (LED) with a wide viewing angle and a viewing distance of 20 metres

Decimal Point

- Programmable from the front panel to display units or 0.1 units.

Count Integrity

- Contact bounce elimination circuitry enable error free counting even in the most difficult application. The count is stored in eeprom.

Remote Reset

- By connecting a normally open push button between terminals 1 and 6.

Environmental Parameters

- 0-70 degrees Celsius
- 0-90% rh non condensing

Connection Details

Terminal 1:Input OVDC (-)	Terminal 9:AL1 Not used
Terminal 2:Count input (-)	Terminal 10: Not used
Terminal 3:Count input plus (+)	Terminal 11: Not used
Terminal 4:not used	Terminal 12: Not used
Terminal 5:not used	Terminal 13: Not used
Terminal 6:Reset	Terminal 14: Ground supply
Terminal 7:Transducer power supply	Terminal 15: VAC active or VDC (+) supply
Terminal 8:Not used	Terminal 16: VAC neutral or VDC (-) supply

Instrument Power Supply

- 120/240VAC 47-63 Hz or DC to DC converter isolator from 5 to 48VDC.

Transducer Power Supply

- A 24VDC at 30mA transducer power supply is incorporated in the instrument.

Weight

- 3000 grams

Mounting Details

- Surface mounting weatherproof enclosure of case dimensions 380mm wide by 190mm high by 130mm deep with fixing centres of 355mm wide by 164mm high.

Calibration

- The decimal points and k factor are programmed by the front touch buttons and the values are stored in eeprom.

Ordering Information

- Model/input signal/display units/power supply
- Sample number: C04HWP/CC/0-9999/VAC