

INNOVEC

CONTROLS PTY LTD

INNOVEC C04WP 4 DIGIT TOTALISOR



The **CO4WP four digit LED Totaliser** is a 85 to 265 VAC or 12-40 VDC powered microprocessor based totaliser that incorporates a four (4) digit 57mm digit height LED display in a weatherproof surface mount enclosure. The instrument can be configured to totalise flow with programmable K factor, elapsed time, time of day clock or events.

FEATURES

- Memory retention in power down for 10 years
- 85 to 265VAC 47-63 Hz supply or factory fitted 12 to 40VDC supply
- Contact bounce elimination circuitry
- Microprocessor based
- Low cost – High performance
- Screw terminal electrical connection
- High contrast LED display
- The C04WP has a 4 digit 57mm digit height LED display
- Surface mounting IP65 weatherproof enclosure
- 24VDC transducer supply
- Touch switch programming of decimal point, k factor, time, date and repeat contact
- Applications include flow totaliser or time date display

The CO4WP Powered Process totaliser is an advanced instrument which has been designed to accept pulses from dry relay contacts, open collector flow meters, photo electric switches and 5 to 24VDC source. The input measurement is shown on a high contrast 4 digit LED display.

They incorporate field programmable totalising rates and a 24 VDC isolated supply for powering remote sensors. The CO4WP 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 reed switch, open collector, turbine meter, proximity switch and CMOS logic.

Display

- Four (4) digit 57mm digit height high contrast light emitting diode (LED) with a wide viewing angle and a viewing distance of 10 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 5.

Relay AL1 and AL2

- Output relay 1 with form C contacts rated at 5 amps 240VAC resistive.

Environmental Parameters

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

Instrument Power Supply

- 85 to 265VAC 47-63 Hz or factory fitted DC converter from 12 to 48VDC.

Transducer Power Supply

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

Weight

- 400 grams

Mounting Details

- Surface mounting IP65 enclosure of case dimensions 230mm wide by 140mm high by 95mm deep with fixing centres of 212mm wide by 122mm high.

Connection Details

Terminal 1:Input OVDC (-)	Terminal 9: not used
Terminal 2:Count input (-)	Terminal 10: AL3 normally open
Terminal 3:Count input (+)	Terminal 11: AL3 normally closed
Terminal 4: 24VDC loop supply	Terminal 12: AL3 relay common
Terminal 5:remote reset	Terminal 15: AL4 normally open
Terminal 6:not used	Terminal 16: AL4 normally closed
Terminal 7:not used	Terminal 17: AL4 relay common
Terminal 8:not used	Terminal 18:Ground
Terminal 9: not used	Terminal 19:VAC active or VDC (+) supply
Terminal 10: not used	Terminal 20:VAC neutral or VDC (-) supply

Calibration

- The decimal points, K factor and output relay 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: C04WP/CC/0-9999/VAC