

Digital Counter Indicator

DP41



- 6 Digit Counter
- Programmable Scaling
- RS485 Modbus Communication
- Bi-Direction Control

Digital Counter Indicator DP41 This device accepts pulse inputs from various types of sensors, such as flow sensors, encoders, and proximity switches. The DP41 counts incoming pulses and displays the value numerically, with programmable counter scaling. Connectivity is provided via an RS485 Modbus communication port.

Specifications

Serial Interface

Serial Standards: RS485 (Isolated)

2 Pin Terminal Block

Loading: RS485 Max 32 Unit

Distance: RS485 Length 1 Km.

Protocol: MODBUS ASCII/RTU

Supply Software: Citect, Wonderware, LAB View etc.

Serial Parameter

Baud Rate: 4800, 9600, 19200, 57600

Data Bits: 8

Stop Bits: 1

Parity: None

Monitor

Display: 6 Digits, 14.2 mm. Height (7-Segment)

Display Color: Red (std)

Digital Display Range:

-99999 to 999999

Digital Input

Number of Channel: 1 Channel

Sensor Type: Wet Contact or Dry Contact

Ordering Information: Specify Power Supply

Example DP41/220VAC

Package Checklist

1. DP41
2. Cable Config

Wet Contact (DI to COM):

ON: 12 to 24 VDC

OFF: 0 VDC

Dry Contact (DI to GND):

ON: Short to GND

OFF: Open

Counter Frequency: Max. 1 KHz

Power Requirements

Power Supply: 85 to 230 VAC

(12 to 35 VDC Optional)

Environmental Limits

Operating Temperature: 0 to 55 °C

Operating Humidity: 5 to 95% RH

Storage Temperature: 0 to 70 °C

Physical Characteristics

Dimension: W96 × H48 × D120 mm.

Panel Cutout: W90 × H40 mm.

Mounting: Panel Flush Mounting

Wiring: Screw Terminals

Warranty

Warranty Period: 5 Year

DP41 Connection

