Rate Meter & Totalizer DP21

- 8 Digit Display
- Programmable Pre-Scale
- Display Rate and Totalizer

Rate Meter & Totalizer DP21 accepts the input pulse from flow sensor, encoder or proximity switch. The unit can display both rate and totalizing count simultaneously. Mode selection, prescaling and decimal point positioning are all configured in programming which is all carried out using the two push-button on the front panel.
Specifications

Monitor
Display: 8 digits LED 10 mm. high digits
Display Color: Red (std)
Digital Display Range: 7 Digits with an annunciator "R"
Digital Input
Number of Channel: 1 Channel
Sensor Type: D.C. Proximity Switch
(NPN or PNP open collector)
D.C. Pulse, Dry Contact
Sensor Power Supply: 12 VDC@30 mA
Rate Frequency Range: 0.01 Hz to 10 KHz
Accuracy: +1 least significant digit

Power Requirements
Power Supply: 110, 220 VAC (± 20%)
24 VDC (± 20%) 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 x H48 x D120 mm.
Panel Cutout: W90 x H40 mm.
Mounting: Panel Flush Mounting
Wiring: Screw Terminals

Warranty
Warranty Period: 5 Year

Ordering Information: Specify Power Supply
Example     DP21/220 VAC

Package Checklist
1. DP21

Flow Display

- Flow Rate
- Flow Totalize

Paper Speed Display

- Speed
- Total Distance
Dimensions (Unit: mm.)

Panel Cutout

Installation

Wiring

Supply

1 2 3 4 5 6 7
110 VAC to 220 VAC

1 2 3 4 5 6 7
12 VDC, 24 VDC Optional

PNP Input

Out +
Jump

NPN Input

- Out
Jump

D.C. Pulse Input

- +
Jump
+ D.C. Pulse