

Rate Totaliser



The 202D is a high accuracy, intrinsically safe Rate Totaliser designed to operate with digital output flowmeters. Having an IP67 weatherproof case, new tactile keyboard and various mounting options, the 202D is perfect for the most arduous of installations.

Features

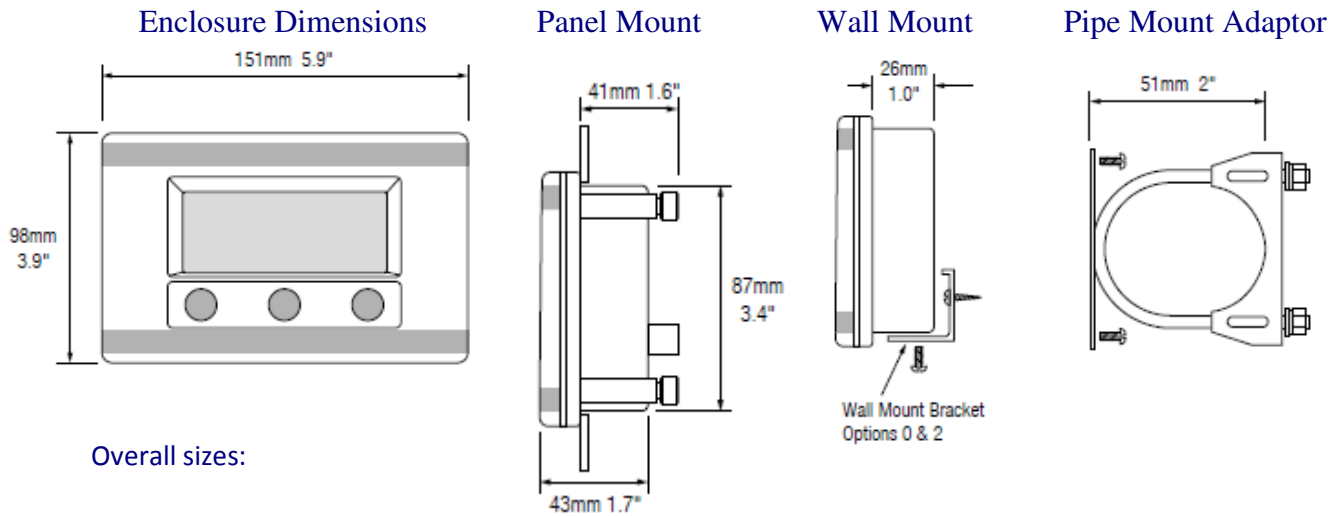
- 4 – 20mA Output
- Pulse Output
- High and Low Alarms
- Fully Programmable
- Displays Rate, Total and Accumulated Total
- Battery, Loop or DC powered
- Wall, Pipe, Panel or Flowmeter mounting
- Watertight to IP67 (Nema 4X)
- ATEX, IECEx, CSA Approved
- CE Compliant



Specifications

Display	
Type	LCD Display
Digits	7 digit 10mm (0.4") high LCD
Operating temperature	-20°C to +60°C (-4°F to +140°F)
K-factor Range	The pulse per unit of measure is programmable in the range 0.000001 to 999,999
Frequency Range	0.01Hz to 10kHz
Signal Type	Switch settable for sine wave (15mV P-P minimum), open collector, reed switch or pulse
DC Powered / Alarm or Pulse Output Version	
Pulse Output	Scaled or unscaled pulse output 500Hz maximum. Pulse width depends on output frequency and varies from 100mSec to 1mSec
Switching Power	200mA, 30Vdc maximum
Saturation Voltage	0.8Vdc across outputs when in the "on" state
DC Power Input	9-28V at 4mA maximum

Dimensions



Overall sizes:

- 98mm (3.9") high
- 151mm (5.9") wide
- 43mm (1.7") deep

Product Codes

202Di	Rate Totaliser (Intrinsically safe)
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Enclosure Mounting

0	Wall Mounting (no gland holes)
1	Panel Mounting*
2	Wall Mounting (standard glands)
4	Turbine Mounting (stem bottom)
6	Pipe Mounting

Output Options

0	Battery Powered & No Output Option
3	DC Powered & Alarms (pulse out)
4	Loop Powered and 4-20mA Out & Alarms

Hazardous Approvals

C	CSA US & Canadian Approval
M	ATEX/IECEx Approval

Typical Part Number: 202Di.40C

*Note: Cable glands not included

202D 20-24

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