

INNOVEC

CONTROLS PTY LTD

INNOVEC 25mm Paddle Wheel Flow Meter



The simple and reliable paddle wheel flow sensor type PWFm is designed for use with every type of solid free water like liquid. The sensor can measure flow from 0.15m/s producing a Highly Repeatable Square Wave output signal. A rugged construction with high chemical resistance and guarantees performance with little or no maintenance required. Dedicated square wave output is available for safe connection to any kind of PLC or Batch Controller.

FEATURES

- T Piece mounting
- No excitation power supply required
- Signal and power supply isolation
- 0.15 – 8.0 m/s
- 0.1% linearity
- Low cost - High performance
- Two wire Reed switch sensor
- Special ranges of are available on request

The Innovec ISC is a single analogue input to single analogue output signal converter and isolator.

APPLICATIONS include
Municipal waste-water treatment plants
Industrial wastewater treatment plants

TECHNICAL SPECIFICATIONS

Input Details

- Reed Switch Input – No excitation power supply required
- Two wires N.O. (Normally Open contact)

Performance

- + / - 0.1% of span (linearity and repeatability).

Environmental Parameters

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

Connection Details

Terminal 1: input low (-)	Terminal 2: mA input positive (+)
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Operating Power Supply

- 5 to 24 Volts DC

Weight

- 200gms.

Case Details

- Width: 55mm.
- Height: 75mm.
- Depth: 110mm.

Mounting Details

- Mounts into a 25mm PVC T piece Part # Mercon 801010 (schedule 80) and Mercon Adaptor Part# 361 010G

Options

- Weatherproof enclosure: WP.

Ordering Information

- Model/input/output/power supply/options.
- Sample no: PWFMS/RS/0-80Hz/ LP
- All units shipped factory calibrated 80 pulses per litre

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