# INCYT

# Water Flow Rate Sensor

## INCYT's Water Flow Rate Sensor offers you accurate, real-time, water flow rate information.
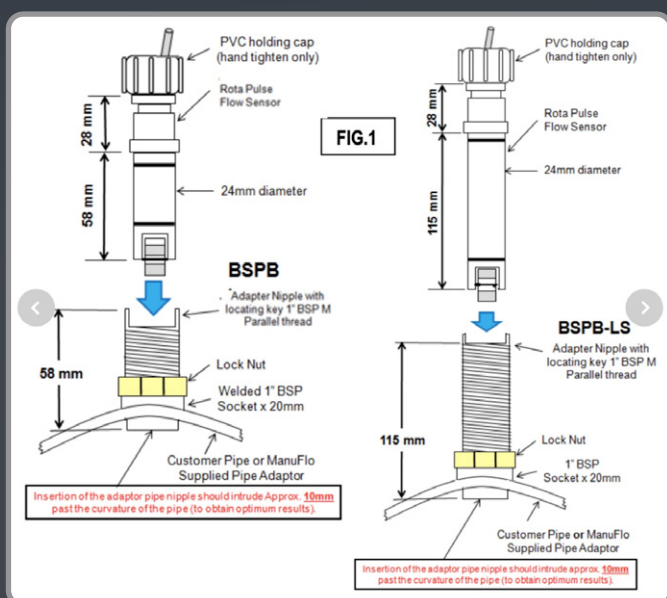
INCYT's water flow rate sensor enables you to remotely monitor your irrigation infrastructure. By knowing the exact flow rate details you are able to optimise your irrigation practices and apply the right amount of water at the right time, reducing over or under-watering and improving your water use efficiency. You are also able to pump an exact quantity of water from a river, channel or bore with INCYT's water flow rate sensor, ensuring you don't exceed your allocation. Water is money, and maximising your profitability from this scarce resource is key! You no longer need to drive across your operation to manually check water flow rates with inaccurate manual procedures, and can share this data with anyone you like through the INCYT cockpit.

+ Configure your dashboard the way you want to see your water flow rate, in either flow volume or flow rate.

+ Configure low and high water flow rate alarms

+ Calibrate your device in-app as required

**Built to Last**

**Plug 'n Play**

**XR Network**



FIG.1

PVC holding cap (hand tighten only)
Rota Pulse Flow Sensor
28 mm
58 mm
24mm diameter

**BSPB**
Adapter Nipple with locating key 1" BSP M Parallel thread
58 mm
Lock Nut
Welded 1" BSP Socket x 20mm
Customer Pipe or ManuFlo Supplied Pipe Adaptor
Insertion of the adaptor pipe nipple should intrude Approx. 10mm past the curvature of the pipe (to obtain optimum results).

PVC holding cap (hand tighten only)
Rota Pulse Flow Sensor
28 mm
115 mm
24mm diameter

**BSPB-LS**
Adapter Nipple with locating key 1" BSP M Parallel thread
115 mm
Lock Nut
1" BSP Socket x 20mm
Customer Pipe or ManuFlo Supplied Pipe Adaptor
Insertion of the adaptor pipe nipple should intrude approx. 10mm past the curvature of the pipe (to obtain optimum results).

incyt.com.au

# Monitor your water flow rate 24/7

INCYT's water flow rate sensor utilises INCYT's XR network, so you're not limited to areas with cellphone coverage. As long as your water pipe is within reach of an INCYT base station, you're able to use the water flow rate sensor!

Knowing your water flow rate is critical to ensuring your irrigation or watering infrastructure is performing as expected. Whether your pump is simply not performing well, there is air in your pipes or some trash might have blocked the inlet, knowing your water flow rate and getting an alarm as soon as it crosses a low or high threshold is key to fixing an issue before it becomes a major problem! With the combination of INCYT's XR network and water flow rate sensor you can be confident you're using best-in-class equipment that won't let you down.

INCYT's water flow rate data is available to you through the INCYT cockpit, which allows you to share this data with other users on your INCYT account. Configure alarms for low or high flow rates. Alarms can be sent via email, text or in-app notifications to yourself or anyone else you choose to send this alarm to.

## Specifications

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|---|---|
| **Sensor dimensions** | 135mm L x 30mm W |
| **Pressure rating** | 150psi |
| **Weather rating** | IP67 |
| **Max process temperature** | 60°C |
| **Accuracy** | ±1.5% accuracy over linear range 0.7 to 7.0 m/sec |
| **Rotor Specs** | 1704PH Paddlewheel rotor without magnets |
| **Suits pipe sizes** | 15mm - 100mm |
| **Waveform** | Square wave |