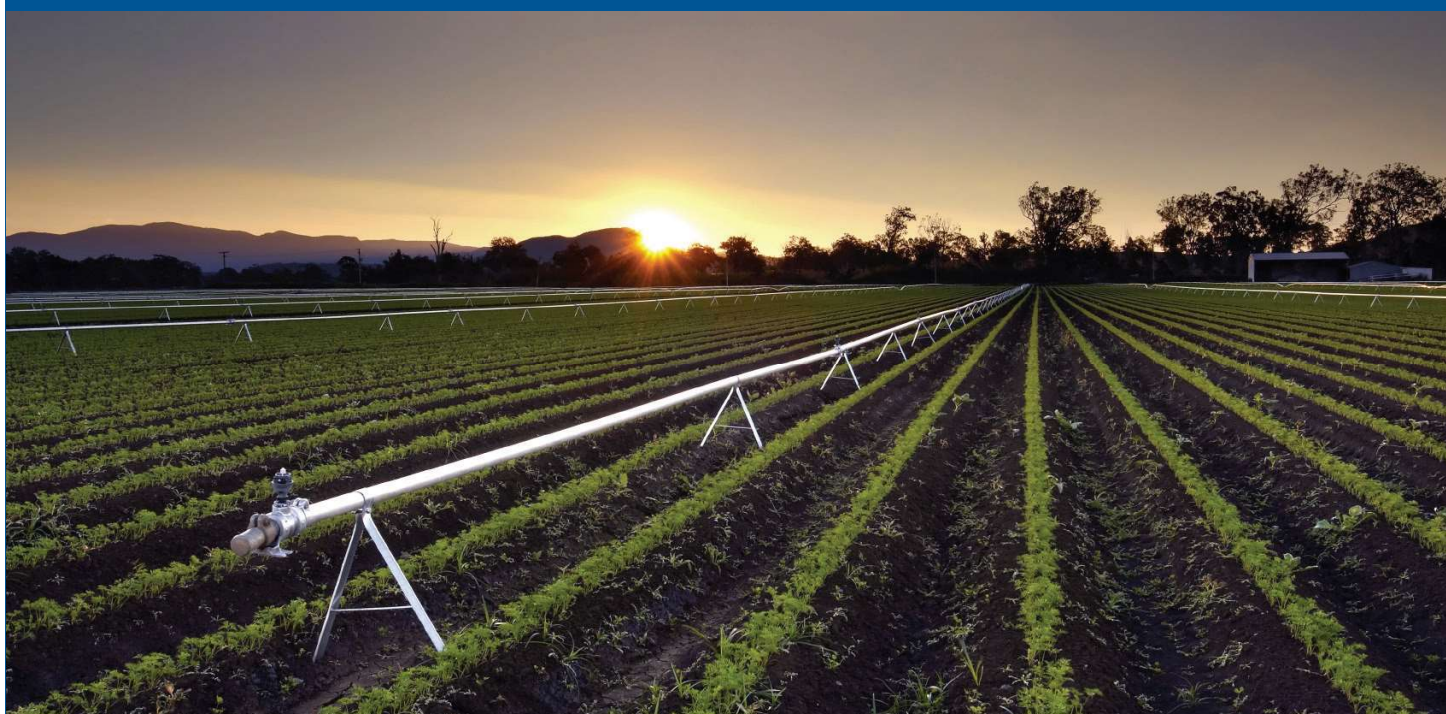




N2P | Pump Controls
engineering innovative solutions

Titan Pump Controller

Total flexibility for any pump application



Enjoy complete control over pump operation, whether you need to pump at certain times or assign a backup in the event of pump failure.

Our 30+ years' experience in building control units has resulted in the N2P pump control series. Functional and easy to install, N2P's Pump Controllers offer

integrated control and real-time alerts for any pumping application. Our pump controls are fit for purpose and built to last.

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pumpcontrols.com.au
pumpcontrols.co.nz

Innovative yet user-friendly, the controller is suited to a variety of single and three-phase applications.



Farming



Plumbing



Drain-laying



Wastewater

Easy to use and install, this ultra-durable, weatherproof unit can be expected to go the distance for up to 15 years.



HOW IT WORKS

Dose Flow: Built-in programmable ON/OFF times are ideal for regulating irrigation or wastewater flow.

Duty, Assist or Standby: Operate two pumps, alternating the duty pump by time or number of pump starts. If the primary pump fails or can't keep up with the incoming flow, the second pump starts operating.

Low Flow: A run window feature allows your pump to discharge during off-peak periods, such as the middle of the night.

Low-Pressure Systems: Safely manage low-pressure pump operation in sewer networks. When the sewer line is full, the controller pauses the pump for a pre-programmed interval before restarting. Stagger pump starts after a general power outage using a delay start option.



FEATURES

Wiring and installation manual included

Terminal connections for power supply, pump supply, level sensor, flow meter and up to 4 floats/inputs

IP65-rated lockable enclosure made from UV-stabilised plastic

Power-isolating switch allows safe removal for servicing

Conduit or glands for electrical ducting installation

Serial number on each QA-approved unit

BMS output for SMS alert capabilities (optional)

Add your company's branding (optional)



SEE AND SET YOUR OPERATIONAL STATUS

An LCD alarm panel shows pump status; any active alarms; and real-time voltage, current and analogue signal. A flashing red light indicates a pump or system fault. Set your maximum current draw and program pump operation, including any timed operation; level faults; and duty, assist or standby control.



EASY TO INSTALL, ACCESS AND USE

Quick installation: Brackets included for easy wall mounting

User-friendly: Easily view and set status

Alarm-monitored: Be instantly alerted of tank status or faults

Flexible: Change what you want to monitor, high or low level

Practical: Accommodates variable voltage loads and integrates with internal- or external-capacitor pumps



SUPPLY "DIRTY POWER" SAFELY

The Titan Pump Controller's robust transformer accepts a range of voltages, allowing safe operation in most dirty power situations. Safely manage variable voltage loads, varied frequencies and small surges. A current transducer measures your pump's current draw.





RECEIVE SMS ALERTS

What if you're not around to get an alert? N2P has the answer.

For commercial applications where pump operation is critical, you can choose to receive a text message in the event of an alarm. To enable this feature, connect your controller to our Guardian Pump controller, or any telemetry SMS unit, using our building management system (BMS) output.



CONNECT UP TO 4 FLOATS OR AN ANALOGUE LEVEL SENSOR

Running pumps without their own float? Four inputs let you connect multiple floats for greater control over your hydraulic design. Set your floats' stop/start levels wherever you like.

At high level, an alarm sounds and the pump starts, if not already running, to override a jammed start/stop float. Give your pump even greater protection with a low-level cut-out float. Or to set accurate levels for pump operation, use an analogue level sensor.

Select one of 2 buzzer modes:

Continuous: sounds until muted

Chirp: sounds 1 second every 10 minutes once muted



CUSTOMISE AND TRACK YOUR OPERATING PARAMETERS

Store key parameters for voltage, current, pump starts, totalised flow and pump runtime, and update values as desired. The universal pump controller records the maximum, minimum and average values of each as well as any alerts.



MONITOR YOUR WATER LEVEL AND CURRENT

Want to know when your tank is full or nearly empty? Or if your pump is possibly jammed? Pre-set your alerts to the level of your choosing, depending on your needs.

When your pre-selected level is reached, a buzzer sounds and a red indicator light flashes to alert you if your water level is too high or low, the pump is drawing excess current, or the voltage is too low (brownout). A mute button silences the alert but allows the light to continue flashing.

See more from the N2P Pump Control Series



GENESIS PUMP CONTROLLER

Our entry-level pump controller powers your pump and monitors your pump chamber to ensure optimal operation. Use it for farming, plumbing, drain-laying, floodwater removal and more.

SENTRY ALARM PANEL

Install this alarm panel within view of your workshop or office and enjoy peace of mind. Easily see the status of your pump chamber whenever you like.

OLYMPUS PUMP LEVEL CONTROLLER

Use this controller for applications monitoring a high or low-level fault, including irrigation, stormwater removal, water storage and stock water.

MERCURY PUMP CONTROLLER

Offering advanced pump protection, the Mercury Pump Controller alerts you of a high level or current overload – typically a sign that your impeller is jammed or obstructed – preventing burnout and extending your pump's life.

CHRONOS PUMP CONTROLLER

Our timed pump controller regulates water flow for process plant applications, including irrigation systems and wastewater treatment. Use it for any application with asymmetric cycle times, such as filter backwashing or chemical dosing.

GUARDIAN PUMP CONTROLLER

Highly programmable and customisable, the Guardian Pump Controller lets you monitor up to 8 inputs and control 4 outputs. Be notified by SMS text message if your pump station faults or reaches critical levels.

TITAN PUMP CONTROLLER

Enjoy total control over pump operation, whether you need to pump at certain times or assign a backup in the event of pump failure. Ideal for dosed flow, low flow, dual pump operation and low-pressure systems like sewers.

SEE OUR FULL RANGE OF PRODUCTS

and download their manuals and spec sheets on our website.

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