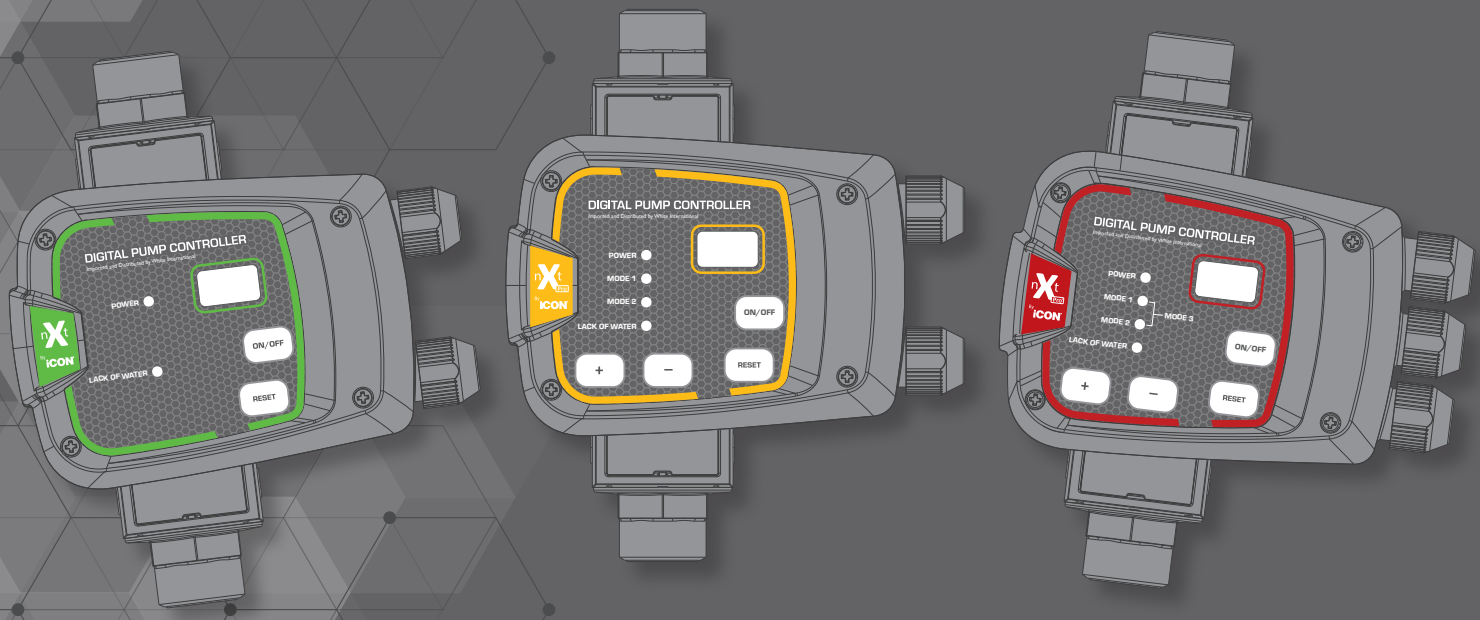
nXt

By iCON

Intelligent Pump Controls



nXt By iCON

nXt Pro By iCON

nXt Pro+ By iCON

2020

WHITE INTERNATIONAL

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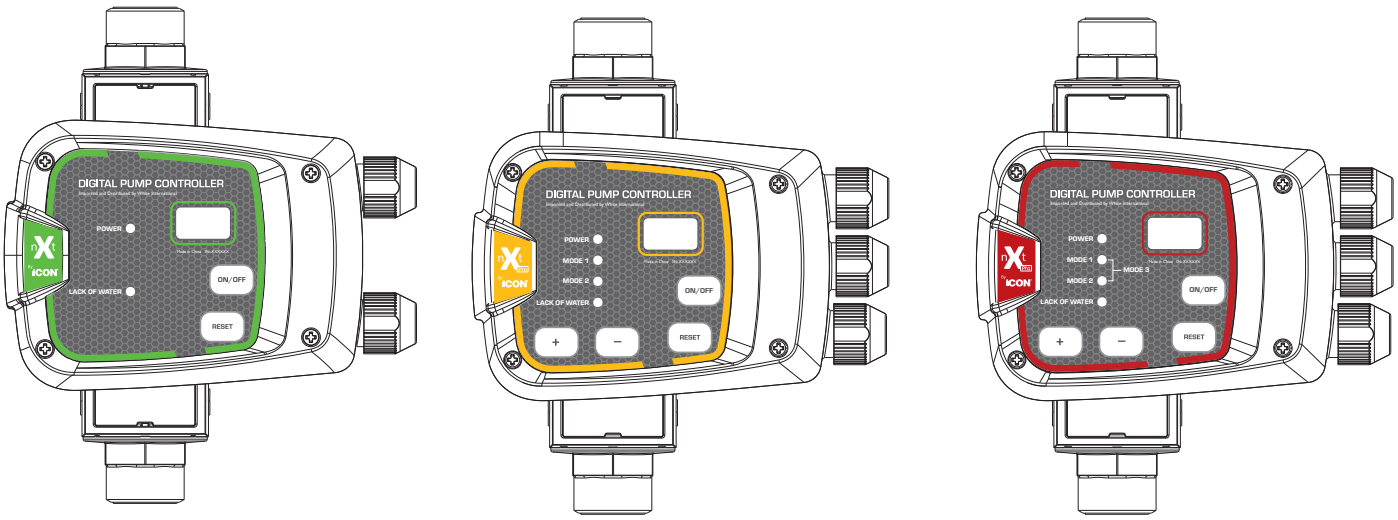

The nXt series of pump controls represents the next step in pressurised pump control.

Designed and tested in Australia to ensure operation in the toughest of environments, combining innovative technology with robust proven architecture to guarantee constant supply of pressurised water when and where you need it the most.

Ideal for pumps supplying clean, non-volatile liquids without fibers or solids in applications such as:

- Household water supply
- Irrigation
- Water transfer
- Washing systems
- Pressure boosting

NXT CONTROLLER COMPARISON

TYPE	NXT	NXT PRO	NXT PRO +
Function	ON/OFF	ON/OFF + Config	ON/OFF + Config + Comms
Modes	1	2	3
Size	1.5Kw	2.2Kw	2.2Kw
Rated Voltage	220-240V AC	220-240V AC	220-240V AC
Max Amps	10	16	16
Rated Power	1500w	2200w	2200w
Rating	IP65	IP65	IP65
Union Size	1"	1"	1"
Start Pressure	2.2 bar (32PSi)	Adjustable	Adjustable
Stop Pressure	on no flow	Adjustable	Adjustable
Max Pressure	10 bar (145PSI)	10 bar (145PSI)	10 bar (145PSI)
Max Liquid Temp	60°C	60°C	60°C
Cable to Pump	Plug and Play	Plug and Play	Hardwired (No Cable)
Flylead for Pump	When sold as control only	When sold as control only	-
Power Cable	10AMP	10AMP	Hardwired (No Cable)
Communication	-	-	ModBus RS485
Accessories (Sold Separately	-	15 AMP Cable	15 AMP Cable
	1 1/4" Union Kit	1 1/4" Union Kit	1 1/4" Union Kit

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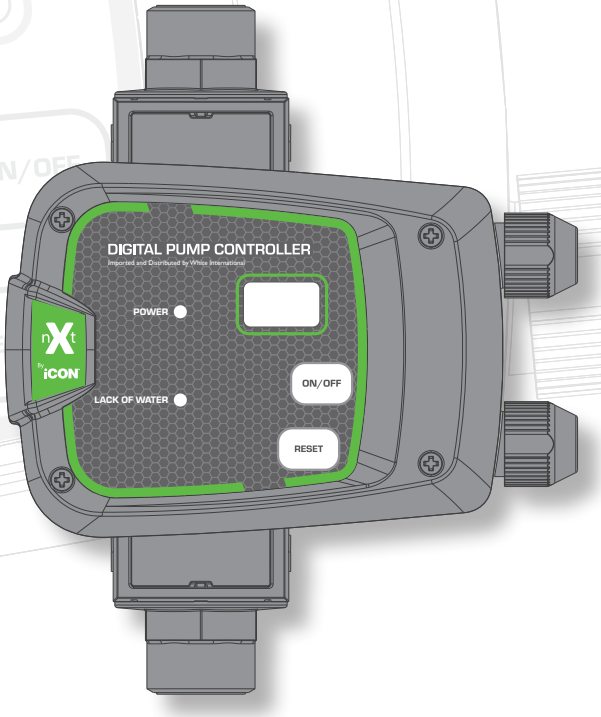
Intelligent Pump Controls

FEATURES:

- Digital display gives you a real time indication of system pressure
- Built in protection to prevent the motor from starting and stopping too often
- Dry run protection with auto restart function that tests for water availability every 24hrs
- Anti-seize function if pump has not operated for some time
- Controller automatically restarts pump after a power failure
- Easy assembly and removal using push-n-connect fitting with U clip
- Complies to AS/NZ 4020 drinking water standard
- Auto restart function when dry run occurs
- Over pressure protection
- Overload protection

TYPE	NXT
Function	ON/OFF
Modes	1
Size	1.5Kw
Rated Voltage	220-240V AC
Max Amps	10
Rated Power	1500w
Rating	IP65
Union Size	1"
Start Pressure	2.2 bar (32PSi)
Stop Pressure	on no flow
Max Pressure	10 bar (145PSI)
Max Liquid Temp	60°C
Cable to Pump	Plug and Play
Flylead for Pump	When sold as control only
Power Cable	10AMP
Communication	-
Accessories (Sold Separately	-
	1 1/4" Union Kit



For technical information

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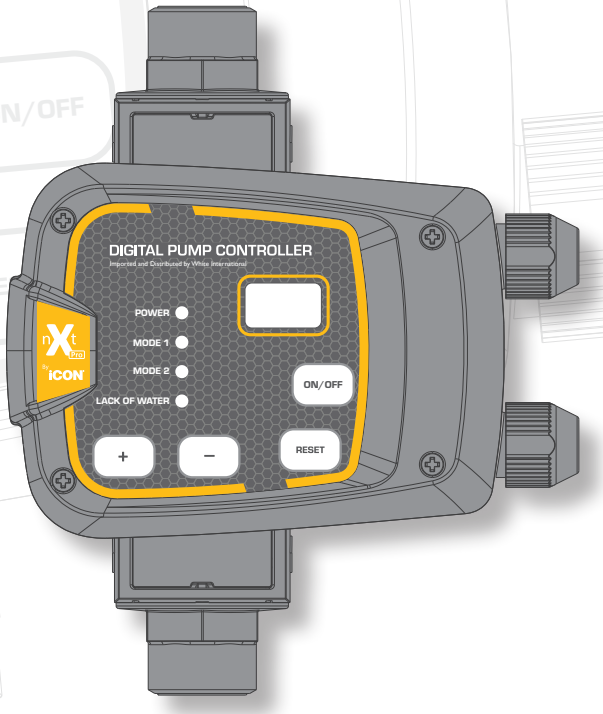
- Controller automatically restarts pump after a power failure
- Easy assembly and removal using push-n-connect fitting with U clip
- Complies to AS/NZ 4020 drinking water standard
- Auto restart function when dry run occurs
- Over pressure protection
- Overload protection

TWO OPERATIONAL MODES:

- **Mode One** - Adjustable cut in pressure setting. Controller stops pump when flow drops.
- **Mode Two** - Adjustable cut in and cut out pressure. Shut down governed by pressure.

TYPE	NXT PRO
Function	ON/OFF + Config
Modes	2
Size	2.2Kw
Rated Voltage	220-240V AC
Max Amps	16
Rated Power	2200w
Rating	IP65
Union Size	1"
Start Pressure	Adjustable
Stop Pressure	Adjustable
Max Pressure	10 bar (145PSI)
Max Liquid Temp	60°C
Cable to Pump	Plug and Play
Flylead for Pump	When sold as control only
Power Cable	10AMP
Communication	-
Accessories (Sold Separately	15 AMP Cable
	1 1/4" Union Kit



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Intelligent Pump Controls

FEATURES:

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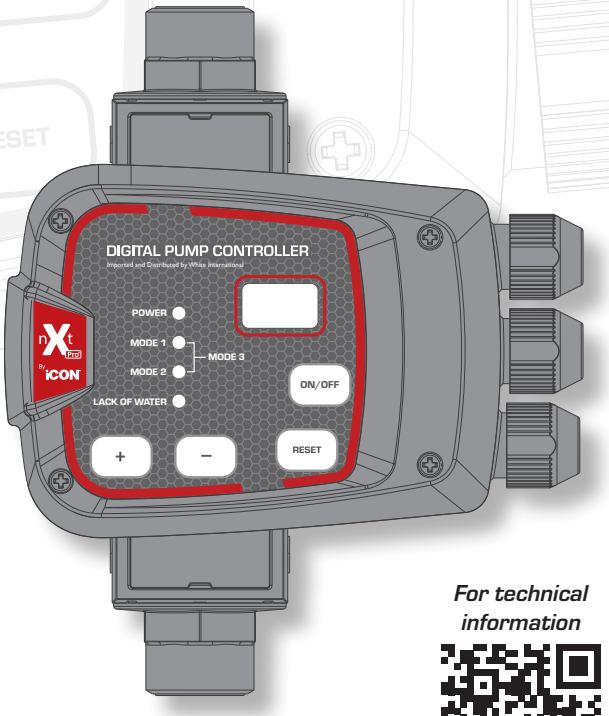
- Built in protection to prevent the motor from starting and stopping too often
- Dry run protection with auto restart function that tests for water availability every 24hrs
- Anti-seize function if pump has not operated for some time
- Controller automatically restarts pump after a power failure
- Easy assembly and removal using push-n-connect fitting with U clip
- Complies to AS/NZ 4020 drinking water standard
- Auto restart function when dry run occurs
- Over pressure protection
- Overload protection
- MODBUS RS485 communications

TWO OPERATIONAL MODES:

- **Mode One** - Adjustable cut in pressure setting. Controller stops pump when flow drops.
- **Mode Two** - Adjustable cut in and cut out pressure. Shut down governed by pressure.
- **Mode Three** - Dual pump pressure boosting.

TYPE	NXT PRO +
Function	ON/OFF + Config + Comms
Modes	3
Size	2.2Kw
Rated Voltage	220-240V AC
Max Amps	16
Rated Power	2200w
Rating	IP65
Union Size	1"
Start Pressure	Adjustable
Stop Pressure	Adjustable
Max Pressure	10 bar (145PSI)
Max Liquid Temp	60°C
Cable to Pump	Hardwired (No Cable)
Flylead for Pump	-
Power Cable	Hardwired (No Cable)
Communication	ModBus RS485
Accessories (Sold Separately	15 AMP Cable
	1 1/4" Union Kit



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Available from your local nXt controllers distributor:

NXT PUMP CONTROLLERS BROCHURE_JUNE_2020

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