

# PPC

## CONTROL UNITS

- Single and dual pump control
- Auto alternating pump start and maximum run time feature
- Provision for 4 digital and 1 analogue input
- Anti seize/freeze feature for low/seasonal applications
- Delayed start and minimum run time feature
- Optional 'time out' manual pump mode, automatic reset to auto
- Lockable mains power isolation switch
- Lamp, strobe and buzzer test feature
- Level alarm delay feature to avoid nuisance tripping
- Maximum idle time feature



- Smart 'auto silencing' and 'chirp mode' audible alarm
- Delayed standby pump start, avoids two pumps starting at once
- No flow/pressure - inbuilt timer feature

### DESCRIPTION

Pentair Pump Controllers are compatible with the Jung MultiCut, MultiFree and MultiStream range as well as the PrioX and Pentair CSM range. PPC matched with compatible pumps and their accessories provide a complete solution to a wide range of fixed applications. These control units offer automatic alternating pump start, an anti seize/ freeze feature that makes them ideal in low usage or seasonal pumping applications where long standby times between operations may occur. Other features include a delayed start and minimum run time, plus a lamp, strobe and buzzer test feature with a level alarm delay feature to avoiding nuisance tripping. The mains power is also lockable and equipped with an isolation switch.

This range is for the control of pumps used in sewage pits, stormwater, recycled water, circulator pumps, constant pressure systems and transfer pumping.

### ENCLOSURE TYPE

Type	Material	Wall thickness	Coating	Colour	External door lock	Mounting plate
42431	Mild steel sheet	1.5 mm	Epoxy polyester powder	RAL 7035	Yes	1.8 mm galvanised plate

We reserve the right to change specifications without notice.

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### SCOPE OF SUPPLY

Powder coated metal enclosures with galvanised steel mounting plate. Single lockable door with mains isolator and keypad interface. Contains visual and audible alarm.

### SINGLE PUMP CONTROL

Code No.	Phases	Voltage	Overload rating (A)	Contactor rating (A)	IP rating
PPC-15002-B	1	240	4-6	18	IP54
PPC-15002-D	1	240	9-13	18	IP54
PPC-15005-M	1	240	18	18	IP65
PPC-15006-A	3	415	2.5-4	18	IP54
PPC-15006-B	3	415	4-6	18	IP54
PPC-15006-C	3	415	6-10	18	IP54
PPC-15006-D	3	415	9-13	18	IP54
PPC-15007-M	3	415	18		IP65
PPC-15025-D*	1	240	9-13		IP54

\*With start capacitor

### DUAL PUMP CONTROL

Code No.	Phases	Voltage	Overload rating (A)	Contactor rating (A)	IP rating
PPC-30010-B	1	240	4-6	18	IP54
PPC-30010-D	1	240	9-13	18	IP54
PPC-30010-C	1	240	18	18	IP65
PPC-30030-A	3	415	2.5-4	18	IP54
PPC-30030-B	3	415	4-6	18	IP54
PPC-30030-C	3	415	6-10	18	IP54
PPC-30030-D	3	415	9-13	18	IP54
PPC-30040-M	3	415	18		IP65

### ACCESSORY

Type	Length (m)	Code No.	Liquid temp. (°C)	Liquid density	Protection	Contact life	Switching angle	Max. vol- atage	Max. run current	Cable material	Cable size	Housing material
Float switch	10	FSW-10M	Min. 5, Max. 60	Min. .65g/cm, Max. 1.5g/cm	IP68 @ 20m	10,000 switches	20° from horizontal	240 Vac	6 Amps (COS 0)	Neoprene rubber	ø7mm / 3 x .75mm <sup>2</sup>	ABS
	15	FSW-15M										
	20	FSW-20M										
	30	FSW-30M										
	40	FSW-40M										

### DIMENSIONS

