



**Specialised Industrial Systems**

# PC-1 Pump Cycling Controller

Fluid flow adaptive controller for matching pump cycling to flow rate

The SIS tec Model PC-1 Pump Cycling Controller is a well-tested, rugged and reliable fluid adaptive controller used for matching pump cycling to fluid flow. By monitoring the supply current input from a motor, the PC-1 can differentiate between load and no-load conditions, such as when a pump runs dry. Using this information, the software adapting code automatically regulates a rest time equal to the subtraction of a cycle and run time.

The SIS tec PC-1 Pump Cycling Controller is easy to install, with a rugged screw-panel mounted housing. It features LED indications for power, run and rest, an adjustable motor input current and wide operating voltage. Motor size is no limitation, as transformers can be employed to match the 1 amp input current of the PC-1.

Suitable for any pump application, for example. Bore / Sump Pumps.

The PC-1 will reduce downtime and repair of damaged pumps from no- load conditions.

## PC-1 SPECIFICATIONS

### PRINCIPLE COMPONENTS

Housing: ABS Plastic, Screw Panel Mounted

---

Power Supply: 24 V dc/ac, 110 / 240 Vac

---

Current Transformer: 1 amp input maximum

A standard current transformer is required to supply a monitoring signal to the controller. The secondary current of the transformer should supply 1A to the controller when the pump is running at normal load.

### OPERATION

Cycle Time, Jumper Selected

- 2.5 Minutes
- 5 Minutes
- 10 Minutes
- 20 Minutes



SIS Technologies Pty Ltd T/as Specialised Industrial Systems  
Tel: (08) 9444 8005 Email: sales@sistec.com.au

[www.sistec.com.au](http://www.sistec.com.au)

- **Low Cost**
- **Easy to use**
- **Any motor size**
- **Fit and forget**