

Pipe Temperature Sensor

The Heron pipe sensor is designed for measurement of pipe temperature for Greenhouse hot water temperature control. The sensor is mounted externally to the pipe with a jubilee clip. The sensor is designed to work with the Heron range of Environmental controllers.

Specification:

Maximum pipe temperature 85 deg C

Minimum pipe temperature 0 deg C

Pipe radius 30mm-90mm

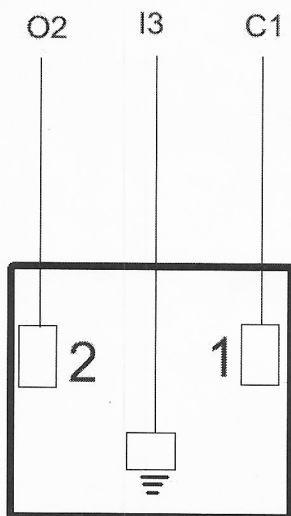
1. Installation

The sensor should be clamped to the pipe with a jubilee clip. Use heat sink compound to ensure good thermal conduction from the pipe to the sensor. The sensor should be positioned on the opposite side of the pipe to the worm screw of the jubilee clips.

Finally, the clip and the sensor should be wrapped with insulation tape to prevent heat loss and the sensor under reading.

The sensor is connected to the Environmental controller via the DIN connector as shown below. See environmental controller instructions for system configuration.

Wiring and Fixing



DIN plug terminals with
cover removed
Viewed from screw terminals

