# solarHₐOt

# SOLARHOT Advanced Control

*Full featured differential control capable of handling multiple loads and energy monitoring*

*6 inputs, 3 outputs with SD card for data logging*

## Inputs
- up to 5 Temperature sensors (PT1000 type) – 3 included with control
- Choice of collector sensor location (external or internal to collector)
- 2 Analog Grundfos sensor inputs (Flow and Pressure)
- 1 Impulse flow meter input (for energy measurement)

## Outputs
- 2 Pump outputs (Standard or variable speed)
- 1 Extra output (to control back-up heat, heat dump…)

## Features
- Record and view system data (Energy, pump operation etc.) with SD card interface
- 8 system configurations with several extra functions possible
- Automatic, Off or Manual Test mode
- Monitors system for errors (short or open circuits to sensors, pump failure)
- Collector protection (Freeze and over heat)
- User-defined energy measurement options
- Pump exercise function