Part Codes
AC1-CONT comprises:
1 x AC1-CONT
2 x AC1-SEN-TANK
1 x AC1-SEN-COLL
1 x 1GB SD card
1 x SD card reader
1 x Mounting hardware kit

Applications
The Apricus AC1-CONT solar controller is a robust and intuitive differential solar controller with a simple, easy to use interface and SD card programmability.

Features
- Large graphical display with backlight
- Easy to use interface
- SD card programability
- Data acquisition via SD card
- Graphical display of temperature, energy, pump operation, etc..
- Five system configurations with extra functions
- Up to 5 temperature sensors (PT1000 type)
- 2 Pump outputs
- 2 Analog Grundfos sensor inputs (Flow & Pressure)
- Impulse flow meter input (for energy measurement)
- Pump exercise function
- Multiple Language Support

Technical Features
Ambient operational range: 32°F - 122°F
Electrical Protection: IP20
Insulation Category: II
Pollution Degree: 2
Fuse: 5A 12VAC
Power Supply: 120VAC +/- 10% 60Hz

Outputs:
P1 (Main Pump): Triac 1.0A 120 VAC
P2 (Pump, Booster Pump, Valve): Triac 1.0A 120 VAC
P3(Additional): Relay 2A 120VAC
PWM Control: 0-10V

Inputs:
T1 (collector): PT1000
T2 (tank 1): PT1000
T3 (extra Sensor): PT1000
T4 (extra Sensor): PT1000
T5 (collector return): PT1000
T6 (Flow Meter): Impulse type (low voltage 5v)
GDS1 (Grundfos Flow Meter): Analog Type (Grundfos VFS)
GDS2 (Grundfos Pressure sensor): Analog Type (Grundfos VFS)

Certifications
UL/CSA: 60730-1

Included Components