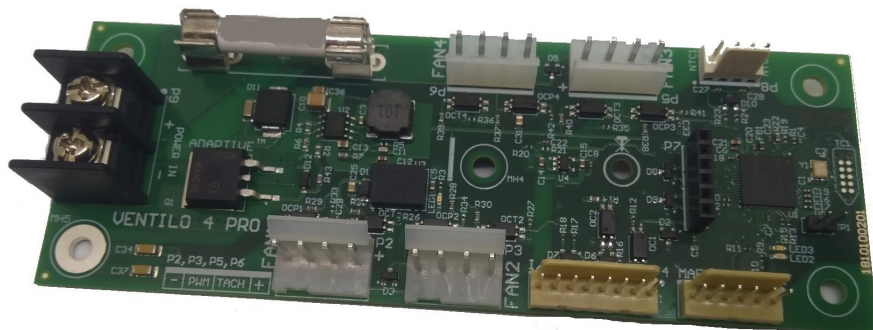


ADV-4-P-R

ADAPTIVE® VENTILO 4 PRO CONTROLLER



The Adaptive® VentiLO 4 Pro is a Thermal Management Controller intended for fan based applications that require speed control of four wire fans. Individual control of each fan is possible against one or both temperature sensor inputs. The controller is capable of operating in a standalone mode, with the added benefit of isolated interfaces and optically isolated alarm outputs. It is also supported by user-friendly PC software. The controller is targeting applications where easy deployment and reliability is a requirement.

Features

- Cost effective NTC sensor input
- Isolated Serial/USB options
- Graphical PC interface for quick installation
- Multiple user profiles (speed- and temperature)
- Compatible with four, three and two wire fans
 - Isolated Serial/USB communication (optional)
 - Visual/alarm feedback

*: " MKR WIFI 1010 " and " MKR NB 1500 " compatible.
Do not connect boards of any other make and model.

Part Numbers

ADV= Adaptive VentiLO Controller
4 = Number of Fan Channels
P = Pro

Connection type
R – Serial connection

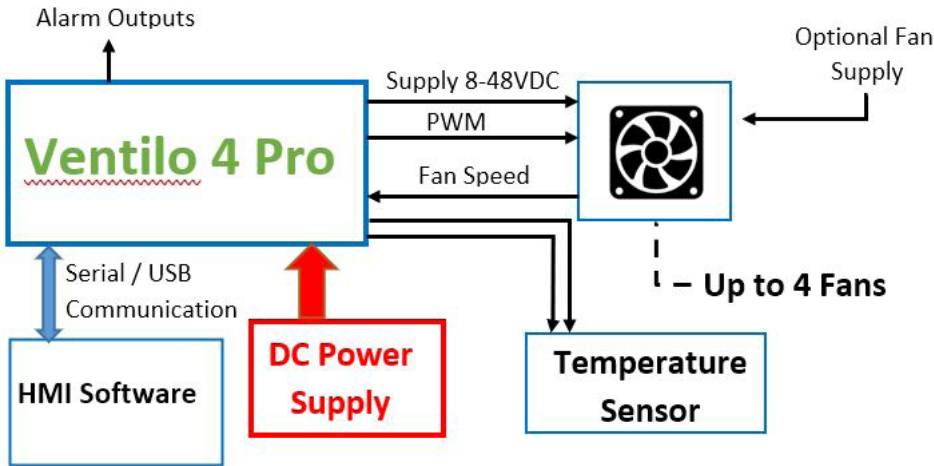
Suffix
No additional number - standard
Additional number : 001 – 999 – custom option

CHARACTERISTICS

Input Voltage Range	8V to 48V DC
Maximum Load	16A
Control Temperature	-10°C to +85°C
Operating Temperature	-25°C to +85°C
Compatible Fans	2, 3 and 4 Wire Fans
Fan Output Voltage Range	7.5V to 36V DC
Sensor Type	NTC 10k
Communication Interface	- Serial (3.3V Level) - Optional Isolated Serial and USB Expansion Modules Available
Temperature Control Accuracy	+/- 1°C
Third Party IOT Compatibility	MKR WIFI 1010 and MKR NB 1500

ADV-4-P-R

SYSTEM ARCHITECTURE



FURTHER INFORMATION

- Application type - Fans & thermal management
- Application sub type - Electronics heating & cooling
- Contents: 1x controller board

PC Software

Download the user-friendly PC software from: www.adaptivete.com/downloads

