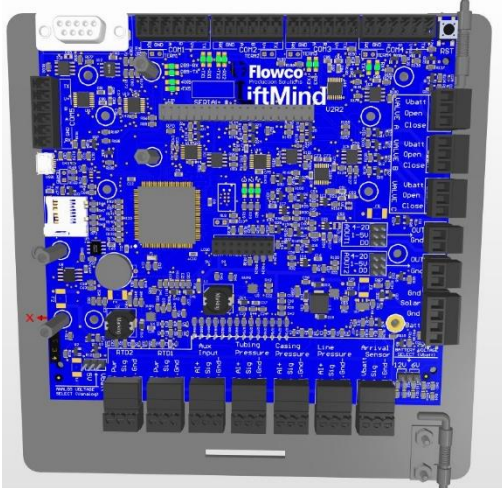


FlowCo Production Solutions – Apex Specification Sheet V2R1



The Apex is the main controller of the entire suite of LiftMind products. It can control all aspects of a wellhead using plunger lift technology. Its main features are several serial ports for communication, valve control / ACL ports, a plunger arrival sensor input, pressure sensor inputs, a MicroSD card for logging well parameters, and RTD temperature sensor inputs. Expander boards can be used to control multiple wells from one LiftMind controller. It is powered with either 6V, 12V, or 24V, with an optional 12V solar power input.

The Apex also comes with a PC utility (LiftLink) for configuration.

The Apex is designed to be mounted with FlowCo keypad and LCD panels.

Certification: Class 1, Division 2

Ambient Temperature Range: -40° to 85° C

Hardware Features

- 1 x Battery power input
 - Selectable 6 or 12 V
 - Maximum 30 V
- 1 x Solar power input
 - 12V solar input
 - Max 18V open circuit
- 5 x Serial (COM) ports
 - Selectable RS-232 or RS-485
- 1 x Serial Debug port
- 3 x Valve control ports, including one ACL control port
- 2 x Analog output channels
 - Selectable 1 - 5 V or 4 - 20mA
- 3 x Pressure sensor inputs
- 1 x Auxiliary input channel
- 1 x MicroSD card slot
- 1 x Expander Board Port
- 2 x Resistance Temperature Detector (RTD) input ports
- 3 x LED status indicators
- 1 x Reset button