



INOMATIC DISPLAY

Compatible with aentron Battery Systems

FEATURES

- Sharp, easy-to-read, high-resolution 2.4" LCD screen
- Integrates comprehensive panel functionality into a single display
- Rich, vivid colors, sharp imagery, strong contrast
- Transflective LCD for clear viewing even in bright sunlight
- CANopen compatible: 250, 500 1000 kBit/sec
- Interacts with any aentron CAN node on your network



INTUITIVE INTERFACE

- One single screen displays many functions and instrument readings based on aentron defined system parameters and warning thresholds.
- System Status Information, Warning Setting, Screen Brightness, Language DE/EN, CANopen Baud Rate, Check list information) can be accomplished through one button input.

TECHNICAL SPECIFICATIONS

Electrical

- Operating voltage is designed to operate from a nominal PowerBus voltage range of either 12 or 24 Vdc.
- The following electrical specifications apply over the operating temperature of -20°C to $+70^{\circ}\text{C}$:

Voltage Rating (Vdc)	Min. Operating Voltage (Vdc)	Max. Operating Voltage (Vdc)
12 Vdc	6 Vdc	18 Vdc
24 Vdc	6 Vdc	32 Vdc

Environmental

- One single screen display for several functions
- Humidity: 95 % RH (non-condensing) at $+38^{\circ}\text{C}$
- Shock: SAE J1378
- Vibration: SAE J1378
- Sealing: IP30 (must be installed in dry environment)
- Power Drain 100 % Brightness: 0.2 W
- Anti-fog Lens
- Emissions
 - Radiated Emissions: Broadband and narrowband: UN ECE/324 Addendum 9
 - Regulation 10 Revision 4 for an electrical/electronic sub-assembly (ESA).
- EMC Specifications - continued Immunity designed to meet the following standards:
 - Radiated Immunity: ISO 1451-1
 - Conducted Immunity: ISO 7637-2

Interfaces

Molex 8 pole Connector – Pinning

PIN: 1 12V / KI.30	PIN: 2	PIN: 3 CAN H	PIN: 4
PIN: 5 GND/KI.31	PIN: 6	PIN: 7 CAN L	PIN: 8



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TECHNICAL DRAWING

