

INTELLIGENT INDICATOR CONTROLLER



Model PIC - 6002

SPECIAL FEATURES

- Settable through Software
 - a) Parameter of Measurement
 - b) Maximum Range
 - c) Unit of Measurement
 - d) Alarm Level
- Self Diagnostic Functional Test
- Accepts 4-20 mA signal
- Provides 24 Volts DC to Power Remote Transmitter
- NO - NC Relay Output
- Serial Communication Output RS 232 / 485
- Expandable to Two Parameters

It is designed to serve as a host control system for remotely mounted Gas or other Process Transmitters. It is loaded with software operated exclusive features, Parameters, Maximum Range, unit of measurement & alarm level are all settable in the field to enhance its universal utility & application.

The Model PIC - 6002 is a micro-controller based Intelligent Indicator controller accepts 4-20 mA input from remotely located transmitter as well as provides 24 volts DC to power the same.

It utilizes a point-to-point wiring architecture whereby each Transmitter / Detector Head, Alarm/ shutdown device or remote system is individually wired to the control unit. This is the best choice for small systems, where the sensors are located in relative close proximity to the control unit.



ELECTRICAL CONNECT

Bezzle - 96 X 96 X 160

Cutout - 89 X 89

(Tolerance 1mm)

SPECIFICATIONS

Input	: 4-20 mA current Loops
Displays	: Alphanumeric 8 X 2
Indications LED	: Power on, Test, High Alarm
Output	: 24 Volts DC to power transmitter
Alarm	: Adjustable over Full Range
Power Input	: 100 - 300 VAC 47 - 60 Hz Standard / 24 VDC Optional
Power Consumption	: <5 watts
Output	: Serial Rs-485/ 232 Discrete relays for fault, low and high alarm.
Electrical Classifications	: NEMA 1 panel mount
Operating Temperature	: -10°C to 55°C
Humidity Range	: 0 to 95% RH, non-condensing
Dimension	: 96 X 96 X 160
Panel Cutout	: 89 X 89
Warranty	: One year
Field Settable	: (i) Parameter (All Gases, for special consult Endee) (ii) Maximum Range (iii) Unit of Measurement PPM, LEL, Percent (iv) Alarm Level

Note : Specifications and Features will vary with application. The above are established and validated during design, but are not to be construed as test criteria for every product. Due to endee's commitment to research, design and product improvement, specifications are subject to change without notice.



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