













CY-Series Digital Indicators & Controllers

OVERVIEW

The ASHE Series CY is a range of fully configurable microcontroller based universal Digital process Indicators & Controllers offered in a highly compact, rugged and reliable execution. The instrument has three keys on the front panel, with which the operator can set the parameters and configure the instrument as desired. A four-digit LED display is offered on the front panel. The display can indicate any scale range between –999 to +9999 units.

The Indicators accept analog input signals like 4 to 20 mA DC, DC Voltage and all temperature sensors like RTD Pt-100, Thermocouples (type J,K,R,S). The Indicator is available in several dimensions in panel-mount execution and operates on universal AC power supply.

The instrument has single/dual Relays for control action, the set-points of which may be set from the front keyboard. Options include On/Off and PID Control, Weather-proof / Flame-proof executions, etc.

The ASHE CY range of Indicators offer a high degree of reliability owing to their inherent accuracy in process control, besides other characteristics like total immunity to shocks, dust, ambient temperatures, humidity and corrosive atmospheres. Further, the instruments are manufactured using selected high-grade components which guarantee their functional reliability and long operational life.

All ASHE range of Digital Indicators carry a lifetime warranty on design and workmanship.

SPECIFICATIONS

Model ASHE CY-Series

Type Microcontroller based process indication on

Digital display with control action.

Input Signals / Sensors 4 to 20 mA DC, DC Voltage (to be pre-specified) and

all temperature sensors like RTD Pt-100,

Thermocouples type J,K,R,S.

Display 4-digit, 0.5" seven-segment LED display.

Calibration facility By Membrane keypad on front panel.

Control output One / Two relay changeover contacts (configurable).

Control Type On/Off or PID Control.

Contact Rating 10 Ampere @ 230 V AC (resistive loads).

Control Logic High-Low (Configurable).

Alarm indication By LEDs on front panel.

Memory Non-volatile.

Accuracy + 0.1% of FSD.

Accuracy ± 0.1% of FSD.

Polarity Auto-sensing.

Settings Settings for Zero, Span, Decimal point, Relay Trip setting

96 x 96 x 55 mm Series 70

 $[W \times H \times D].$

Power Supply 90 to 270 V AC, 50/60 hz.
Execution Panel mounting.
Enclosure Industrial grade ABS.
Weight Approximately 0.5 Kgs.

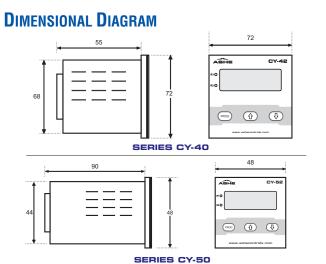
Operating Temperature 0 to 50°C.

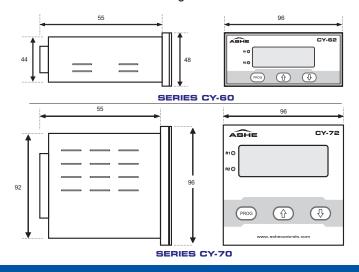
FEATURES

- Microcontroller based design.
- Low cost, high functionality
- Standard analog signals and Temperature Sensors.
- Low Input impedance negligible load on loop.
- High accuracy and linearity to input signal
- 4-digit seven-segment digital LED displays
- Single / Dual Relay change-over contacts
- Very low power consumption and heat dissipation
- Fully configurable
- Selectable Temperature Sensors
- Temperature Linearization
- Universal AC SMPS Power Supply
- Analog Retransmission Option
- Selectable Decimal-point
- On-Off or PID control action options
- Rugged, industrial grade ABS enclosure
- High Noise immunity.
- Panel / Field / Hazardous-area installation in IP65 execution
- Proven record of several thousand installations
- Lifetime warranty on design and workmanship

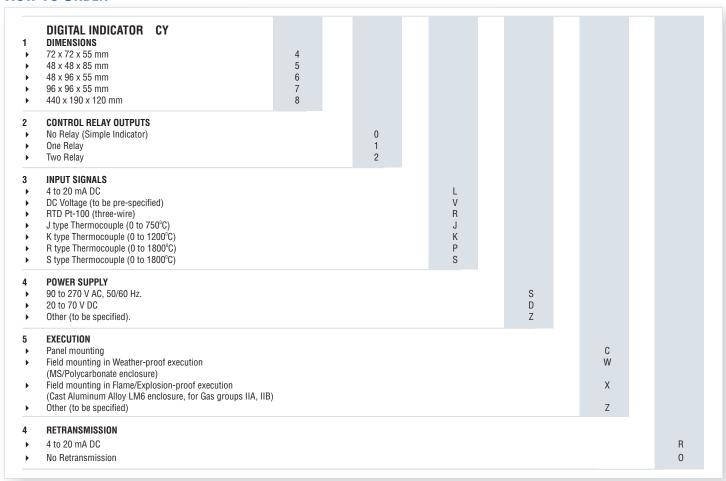


Digital Indicators & Controllers





How To Order



OUR OTHER PRODUCTS











FLOW TOTALIZER

SIGNAL ISOLATORS & TRANSDUCERS

TEMPERATURE SCANNER

FLAMEPROOF INSTRUMENTS

STATIC POWER SWITCHES



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