

OVERVIEW

The ASHE CY Series Digital Process Indicators are a range of compact, rugged and reliable indicating instruments designed for accurate measurement applications.

The Indicators can accept any pre-specified industrial standard input signals, like 4 to 20 mA DC, AC/DC Voltage, AC/DC Current, Resistance and all temperature sensors like RTD Pt-100, Thermocouples, etc. The process value is displayed on a 4-digit seven-segment LED digital display and calibrated to the desired units.

The Micro-controller based Digital Indicators offer large bright display for easy viewing over long distances. Options include multiple Relay outputs, analog retransmission signals, flame-proof execution, etc.

The Ashe CY series Indicators are reliable display & control instruments that offer inherent accuracy in process control, besides superior features like immunity to shocks, dust, ambient temperatures, humidity and corrosive atmospheres.

The instrument is designed to operate in tough conditions and provide many years of trouble free service.



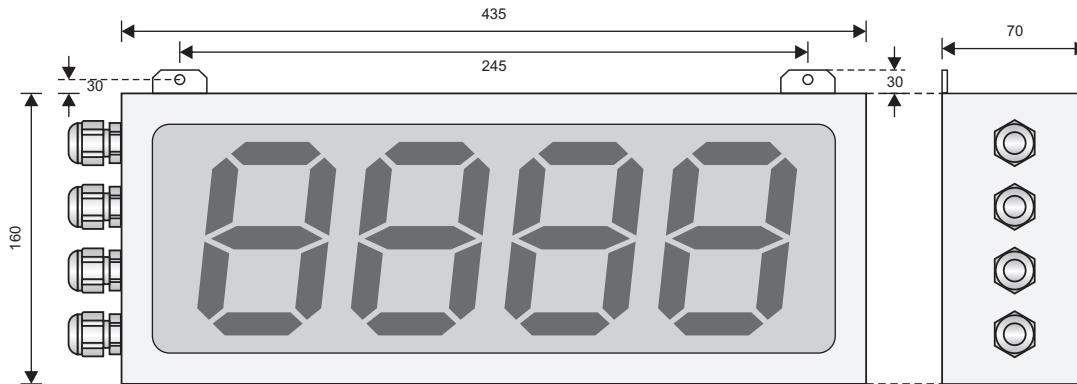
SPECIFICATIONS

Model	ASHE CY-82
Type	Single channel Analog signal indication on large Digital display with/without Relay outputs and Retransmission.
Input Signals / Sensor (to be pre-specified)	4 to 20 mA DC, AC/DC Voltage, AC/DC Current, Resistance and all temperature sensors like RTD Pt-100, Thermocouples type J,K,R,S,T, etc.
Display	4 digit, 4" height seven-segment LED display
Scale Range	-999 to +9999.
Calibration	As required (configurable)
Response Time	< 100 mS
Linearity	± 0.1% of span.
Calibration Facility	Zero and Span settings [external].
Accuracy	± 0.1% of FSD.
Retransmission	4 to 20 mA DC [optional].
Load Driving Capacity	600 Ohms
Polarity	Auto-sensing.
Settings	Settings for Zero, Span, Decimal point, Relay set points.
Dimensions	435 x 160 x 70 mm [W x H x D].
Execution	Wall mounting.
Enclosure	Industrial grade ABS.
Cable Entries	Four
Weight	Approximately 1.2 Kgs.
Operating Temperature	0 to 55°C.

FEATURES

- Standard analog signals and Sensors
- Digital large size 4" height LED displays
- Low Input impedance – negligible load on loop
- High accuracy and linearity to input signal
- 4 digit seven-segment displays
- Very low power consumption and heat dissipation
- Fully configurable
- Retransmission option
- Auto-sensing of polarity
- Selectable Decimal point
- Rugged, industrial grade enclosure
- Compact and rugged execution
- High Noise immunity
- Panel / Field / Hazardous-area installation
- Proven record of several thousand installations

DIMENSIONAL DIAGRAM



HOW TO ORDER

DIGITAL LARGE DISPLAY INDICATOR	CY-8					
Configuration and add-on options						
1 CONTROL RELAY OUTPUTS						
▶ No Relay (Simple Indicator)		0				
▶ Two Relays		2				
2 INPUT SIGNALS						
▶ 4 to 20 mA DC				L		
▶ 0 to 10 VDC				V		
▶ RTD Pt-100 (three-wire)				R		
▶ J type Thermocouple (0 to 750°C)				J		
▶ K type Thermocouple (0 to 1200°C)				K		
▶ R type Thermocouple (0 to 1600°C)				P		
▶ S type Thermocouple (0 to 1800°C)				S		
3 POWER SUPPLY						
▶ 90 to 270 V AC, 50/60 Hz					A	
▶ 20 to 70 V DC					D	
4 RETRANSMISSION						
▶ 4 to 20 mA DC						G
▶ Retransmission not required						N
5 EXECUTION						
▶ Front Panel mounting						P
▶ Field mounting in Weather-proof execution (Polycarbonate enclosure, Ingress Protection)						W
▶ Field mounting in Flame/Explosion-proof Ex-d execution (Cast Aluminum Alloy LM6 enclosure, for Gas groups IIA, IIB)						X

OUR OTHER PRODUCTS



FLOW TOTALIZER



SIGNAL ISOLATORS & TRANSDUCERS



TEMPERATURE SCANNER



FLAMEPROOF INSTRUMENTS



STATIC POWER SWITCHES



Designed and Manufactured By :

ASHE CONTROLS PRIVATE LIMITED

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