ASHE CONTROLS PVT LTD
an ISO 9001:2015 certified company

CY-80/CY-82

CY-Series Digital Large Display Indicators with/without Control Action



Overview

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

The Indicators can accept any pre-specified industrial standard input signals, like 4 to 20 mA DC, AC/DC Voltage, Pulse, DC Current 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 instruments operate on 90 to 270 VAC 50/60 Hz Universal power supply, or alternatively 20 to 70 VDC power supply. 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.

This product is backed by a full two-year warranty, covering all manufacturing defects and workmanship issues under normal operating conditions.

RoHS Compliant

MAKE IN INDIA

Specifications

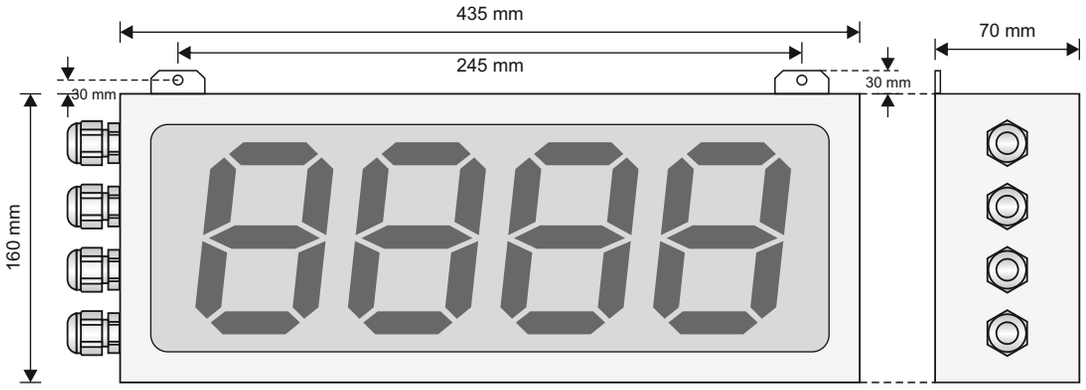
Model	ASHE CY-80 ASHE CY-82
Type	Single channel Analog signal indication on large Digital display with/without Relay outputs and Retransmission.
Input Signals / Sensor	4 to 20 mA DC, AC/DC Voltage, Pulse, DC Current, and all temperature sensors like RTD Pt-100, Thermocouples type J,K,R,S,T, etc.
Display	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].
Power Supply	90 to 270 V AC, 50/60 Hz, Universal AC Power (Optionally 24 VDC).
Execution	Wall mounting.
Enclosure	Industrial grade ABS.
Cable Entries	Four
Weight	Approximately 1.2 Kgs.
Operating Temperature	0 to 55^{0}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
- Universal AC Power Supply (Optionally 24 VDC)
- 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
- Two-year Performance Warranty
- Proven track record of successful site installations

CY-Series Digital Large Display Indicators with/without Control Action

Dimensional Diagram



How To Order

	DIGITAL LARGE DISPLAY INDICATOR	**CY-8-**						
	Configuration and add-on options							
1	**CONTROL RELAYS**							
▸	No Relay (Simple Indicator)		0					
▸	Two Relays		2					
2	**POWER SUPPLY**							
▸	AC Voltage 90 to 270 VAC, 50/60 Hz			A				
▸	DC Voltage 20 to 70 VDC			D				
3	**INPUT SIGNALS**							
▸	DC Current (4 to 20 mA DC)				L			
▸	DC Voltage (to be specified)				V			
▸	RTD Pt-100 (three-wire)				R			
▸	Thermocouple				J			
▸	4 to 20 mA DC / 0-10 VDC				Z			
4	**EXECUTION**							
▸	Field mounting in Weather-proof execution					W		
▸	Field mounting in Flame/Explosion-proof Ex-d execution					X		
5	**RETRANSMISSION**							
▸	Retransmission Required						M	
▸	Retransmission Not Required						N	
6	**AUX 24 VDC OUTPUT**							
▸	AUX 24 VDC Required							Q
▸	AUX 24 VDC Not Required							N

Our Other Products


FLOW TOTALIZER


SIGNAL ISOLATORS & TRANSDUCERS


TEMPERATURE SCANNER


FLAMEPROOF INSTRUMENTS


STATIC POWER SWITCHES

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