



OVERVIEW

The ASHE Series DX-400 Digital Process Indicators are a range of compact, rugged and reliable indicating instruments designed for accurate measurement applications.

The Indicators accept all industrial standard input signals, like 4 to 20 mA DC, AC/DC Voltage, AC/DC Current, Resistance, Frequency and temperature sensors like RTD Pt-100, Thermocouple etc. The process value is displayed on a 3-1/2 digit seven-segment LED digital display and calibrated to the desired units.

Micro-controller based Digital Indicators are also offered (Series AF, AK and CY). The Indicator is available in several dimensions in panel-mount execution and operates on AC or DC power supply, as required.

Options include Dual display, large display, multiple Relay outputs, analog retransmission signals, data communication, DIN rail mount / weather-proof / flame-proof executions, etc.

The Ashe DX-400 range of Indicators are therefore an ideal substitute to conventional analog indicators because of their inherent accuracy in process control, besides other superior characteristics like total immunity to shocks, dust, ambient temperatures, humidity and corrosive atmospheres.

Further, the instrument is manufactured using selected high-grade components which guarantee its reliability and long operational life.



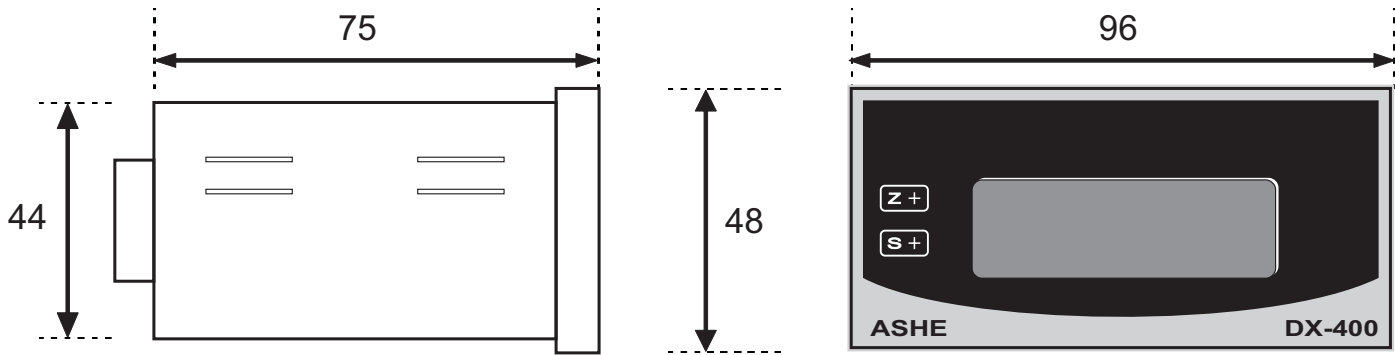
SPECIFICATIONS

Model	ASHE DX-400
Type	Single channel Analog signal indication on Digital display.
Input Signals / Sensor	4 to 20 mA DC, AC/DC Voltage, AC/DC Current, Proximity Switches and all temperature sensors like RTD Pt-100, Thermocouple etc.
Display	3-½ digit, 0.5" seven-segment LED display for process value.
Scale Range	-1999 to +1999.
Calibration	As required.
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.
Power Supply	230 VAC, 50/60 Hz.
Dimensions	48 x 96 x 75 mm [H x W x D].
Execution	Front Panel mounting.
Enclosure	Industrial grade ABS.
Weight	Approximately 0.5 Kgs.
Operating Temperature	0 to 55°C.

FEATURES

- Standard analog signals and Sensors
- Low Input impedance – negligible load on loop
- High accuracy and linearity to input signal
- 3-½ digit seven-segment displays
- Very low power consumption and heat dissipation
- Fully configurable
- Auto-sensing polarity
- Selectable Decimal point
- Rugged, industrial grade ABS enclosure
- Compact and rugged execution
- High Noise immunity
- Ingress Protection IP54 execution
- Panel / Field / Hazardous-area installation in IP66 execution
- Available in several DIN standard dimensions
- Proven record of several thousand installations

DIMENSIONAL DIAGRAM



HOW TO ORDER

DIGITAL INDICATOR	DX-400				
Configuration and add-on options					
1 INPUT SIGNAL <ul style="list-style-type: none"> ▶ 4 to 20 mA DC ▶ 0 to 10 VDC ▶ RTD Pt-100 (three-wire) ▶ AC Voltage (to be specified) ▶ AC Current (0 to 1 / 5 Ampere) ▶ Thermocouple (to be specified) 		L V R H U T			
2 POWER SUPPLY <ul style="list-style-type: none"> ▶ 230 V AC, 50 Hz. ▶ 110 V AC, 60 Hz. ▶ 24 V DC (±10%). 			Z H D		
3 RETRANSMISSION <ul style="list-style-type: none"> ▶ 4 to 20 mA DC ▶ Retransmission not required 				G N	
4 EXECUTION <ul style="list-style-type: none"> ▶ DIN Rail Mounting ▶ Front Panel Mounting ▶ Field mounting in Weather-proof execution (Polycarbonate enclosure, Ingress protection) ▶ Field mounting in Flame/Explosion-proof Ex-d execution (Cast Aluminum Alloy LM6 enclosure, for Gas groups IIA, IIB) 					D P W X

OUR OTHER PRODUCTS



FLOW TOTALIZER



SIGNAL ISOLATORS & TRANSDUCERS



TEMPERATURE SCANNER



FLAMEPROOF INSTRUMENTS



STATIC POWER SWITCHES



Designed and Manufactured by :

ASHE CONTROLS PRIVATE LIMITED

6/317, 318 & 319, Jogani Industrial Complex, Near ATI, Sion-Trombay Road, Chunabhatti (East), Mumbai - 400 022, India.

Phone : (022) 2405 1561, 2405 5791, 2405 5543 • E-mail : sales@ashecontrols.com • Website: http://www.ashecontrols.com