

DX-402 Digital Dual-display Indicators

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, and all temperature sensors like RTD Pt-100, Thermocouples, 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, multiple Relay outputs, analog retransmission signals, DIN rail mount / weather-proof / flame-proof executions, etc.

The Ashe DX-400 range of Indicators are therefore an ideal single unit 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 it's reliability and long operational life.

All ASHE range of Digital Indicators carry a lifetime warranty.



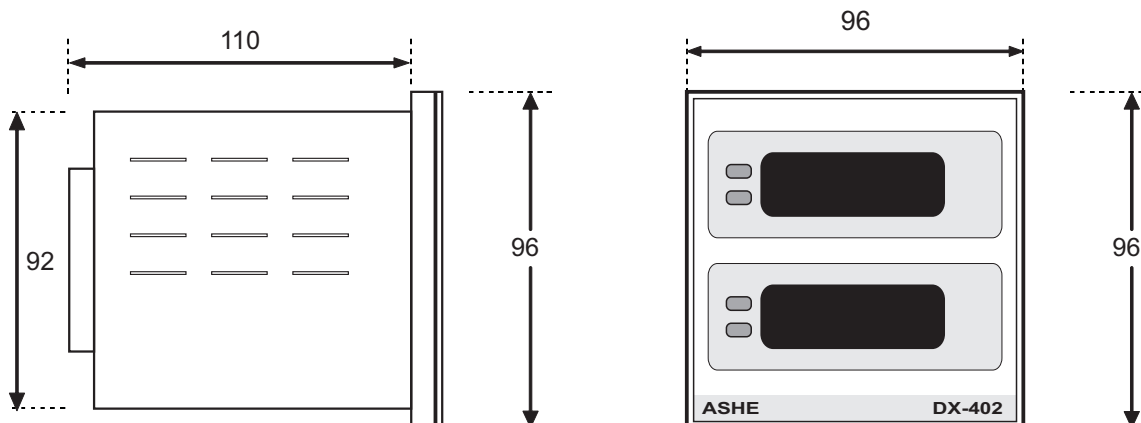
SPECIFICATIONS

Model	ASHE DX-402
Type	Dual channel Analog signal indication on Digital displays.
Input Signals / Sensor	4 to 20 mA DC, AC/DC Voltage, AC/DC Current, Resistance, Proximity Switches and all temperature sensors like RTD Pt-100, Thermocouples type J,K,R,S,T,E,B, etc.
Display	Dual, 3-½ digit, 0.5" seven-segment LED display for process values.
Scale Range	–1999 to +1999 for each display.
Calibration	As required.
Response time	< 100 mS
Linearity	± 0.1% of span.
Calibration facility	Zero and Span settings [external] for each display.
Accuracy	± 0.1% of FSD.
Retransmission	4 to 20 mA DC [optional] for each display..
Load driving capacity	600 Ohms
Polarity	Auto-sensing.
Power Supply	110V/220 VAC, 50 Hz
Settings	Settings for Zero, Span, Decimal point.
Dimensions	96 x 96 x 110 mm [W x H x D]. Panel mounting.
Execution	Industrial grade ABS.
Enclosure	Approximately 0.5 Kgs.
Weight	0 to 50°C.
Operating Temperature	

FEATURES

- Standard analog signals and Sensors.
- Digital LED displays.
- Low Input impedance – negligible load on loop.
- High accuracy and linearity to input signal
- Dual 3-½ digit seven-segment displays
- Very low power consumption and heat dissipation
- Fully configurable
- Retransmission option.
- External transmitter powering option
- Auto-sensing polarity
- Selectable Decimal point
- Rugged, industrial grade ABS enclosure
- Compact and rugged execution
- High Noise immunity.
- Panel / Field / Hazardous-area installation in IP65 execution
- Available in several DIN standard dimensions
- Proven record of several thousand installations
- Lifetime warranty on design and workmanship

DIMENSIONAL DIAGRAM



How To ORDER

DIGITAL INDICATOR Two 3-1/2 digit 0.5" LED display (dual display)		DX-402						
Configuration and Add-on options								
1	INPUT SIGNAL / SENSOR							
	4 to 20 mA DC							
	4 to 20 mA DC with aux 24 VDC @ 100 mA power for Trans.							
	RTD Pt-100 (three-wire)							
	J type Thermocouple (0 to 750 °C)							
	K type Thermocouple (0 to 1200 °C)							
	R type Thermocouple (0 to 1800 °C)							
	S type Thermocouple (0 to 1800 °C)							
	T type Thermocouple (-200 to +350 °C)							
	DC Voltage (To be specified)							
	Resistance							
	AC Voltage (to be specified)							
	AC Current (0 to 1 / 5 Ampere)							
	Other (to be specified).							
2	POWER SUPPLY							
	230 V AC (±10%), 50 Hz (±10%).							
	110 V AC (±10%), 60 Hz (±10%).							
	24 V DC (±10%).							
	Other (to be specified).							
3	EXECUTION							
	Panel mounting [48 x 96 mm]							
	Panel mounting [96 x 96 mm]							
	Field mounting in Weather-proof execution (Polycarbonate enclosure, IP65 protection)							
	Field mounting in Flame/Explosion-proof execution (Cast Aluminum Alloy LM6 enclosure, for Gas groups IIA, IIB)							
	Other (to be specified)							
4	RETRANSMISSION							
	Retransmission of 4 to 20 mA DC							
	None							
	Other (to be specified)							

Our Other PRODUCTS



FLOW TOTALIZER



SIGNAL ISOLATORS & TRANSDUCERS



TEMPERATURE SCANNER



FLAMEPROOF INSTRUMENTS



STATIC POWER SWITCHES



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