ASHE CONTROLS PVT LTD
an ISO 9001:2015 certified company

# DX-400

## DX-Series Digital 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 AC/DC Voltage, AC/DC Current and Sensors like RTD Pt-100 Thermocouples, Frequency, 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, Retransmission, multiple Relay outputs, data communication, DIN rail mount / weather-proof / flame-proof executions, etc.

The ASHE DX-400 range of Indicators are therefore ideal for process measurement because of their inherent accuracy in indication and control, besides other characteristics like 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.

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

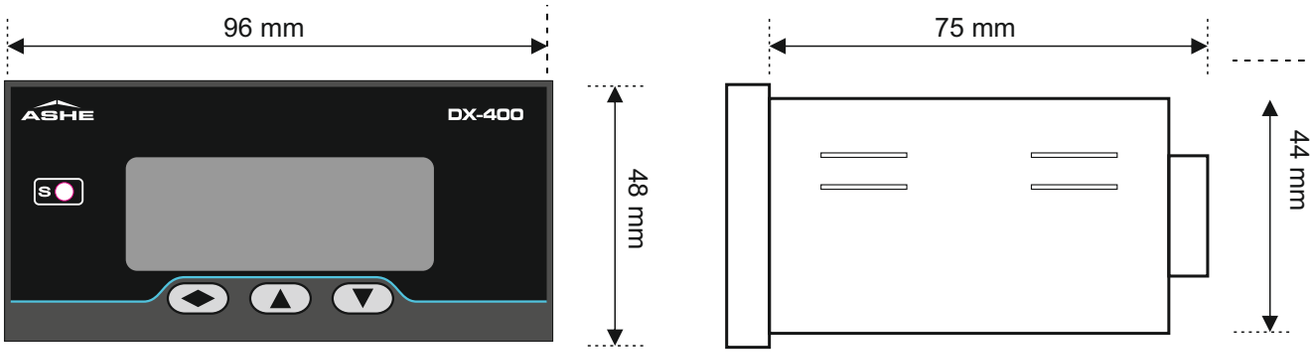
## Specifications

| | |
|---|---|
| **Model** | ASHE DX-400 |
| **Type** | Single channel Analog signal indication on Digital display. |
| **Input Signals / Sensors** | AC/DC Voltage, AC/DC Current, RTD Pt-100. |
| **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** | Span settings [external]. |
| **Accuracy** | ± 0.1% of FSD. |
| **Polarity** | Auto-sensing. |
| **Settings** | Settings for Span, Decimal point. |
| **Power Supply** | 230 VAC, 50/60 Hz (Optional 24 VDC). |
| **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 LED 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
- Two-year Performance Warranty
- Proven track record of successful site installations

## Dimensional Diagram




**FRONT VIEW** **SIDE VIEW**

## How To Order

| | DIGITAL INDICATOR | DX-400 | | | |
|---|---|---|---|---|---|
| | **Configuration and add-on options** | | | | |
| **1** | **POWER SUPPLY** | | | | |
| ▸ | AC Voltage 230 VAC, 50 / 60 Hz. | A | | | |
| ▸ | DC Voltage 24 VDC (±10%). | D | | | |
| **2** | **INPUT SIGNAL** | | | | |
| ▸ | DC Current | | L | | |
| ▸ | DC Voltage (to be specified) | | V | | |
| ▸ | AC Current (upto 5 Ampere) | | C | | |
| ▸ | AC Voltage (upto 500 VAC) | | A | | |
| ▸ | RTD Pt-100 (three-wire) | | R | | |
| ▸ | Thermocouple Specified Type | | T | | |
| **3** | **Scale Range** | | | | |
| ▸ | Mtr/Min | | | | C |
| ▸ | Cycle/Min | | | | F |
| ▸ | Temperature | | | | T |
| ▸ | To be Prespecified | | | | Z |

## Our Other Products


FLOW TOTALIZER


SIGNAL ISOLATORS & TRANSDUCERS


TEMPERATURE SCANNER


FLAMEPROOF INSTRUMENTS


STATIC POWER SWITCHES

Designed and Manufactured by :
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