

PROCESS INDICATORS / CONTROLLERS

WEATHER-PROOF EXECUTION SERIES JX



OVERVIEW

Ashe Controls offers the new JX series of weather-proof instruments for various process measurement and control applications. The enclosures are designed for use in industries with a high degree of ambient dust, humidity, inclement weather and corrosive or hazardous atmospheres.

The display electronics is mounted inside the polycarbonate enclosure with transparent cover for indication of process and control values. For more aggressive environments, an aluminum die-cast enclosure option is also available.

Instruments such as Digital Loop Powered Indicators, LED Meters and Indicators for all applications, On/Off Controllers etc. are some of the instruments offered in this series.

The enclosures are compact, rugged and aesthetically designed. Mounting accessories are offered for field-mount or 2" pipe mount executions.

The enclosures are certified for use in Weather-proof applications for IP 65 ingress protection as per IS:12063-1987/IEC 60529-1989.

SPECIFICATIONS

Type	Microcontroller based programable Digital Indicator with / without Relay Control outputs in Weather-proof execution. [fully configurable].
Input	4 to 20 mA DC, RTD Pt-100 (three-wire), Thermocouple, etc. (to be specified).
Indication	Four-digit red LED seven-segment display for process indication.
Display height	12.5
Scale Range	-999 to +9999
Calibration	Configurable.
Accuracy	< ± 0.1%.
Settings	By Membrane Key-pad soft keys on front panel accessible after opening the cover.
Control outputs	Upto two relay changeover contacts.
Contact Rating	10 Ampere at 230 V AC (Resistive loads)
Control Type	On / Off
Indication	Red LEDs for Relay operation.
Features	Settings for Scale Calibration, Decimal position, Relay setting, Hysteresis, etc.
Power Supply	24 VDC / 230 V AC, 50 Hz
Dimensions	80 x 120 x 85 mm [WxHxD].
Execution	Weather proof as per IS:12063-1987/IEC 60529-1989
Protection class	IP 65 ingress protection
Enclosure	Polycarbonate.
Window	Transparent Cover window.
Cable entries	Three PG 13 Polyamide Glands.
Mounting	Suitable for Wall mounting or 2" pipe mounting.
Mounting accessories	2" pipe mounting U-Clamp, Wall Mounting (Optional)

FEATURES

- Micro-controller based design.
- Instruments offering digital indication, control, signal retransmission, signal isolation, etc.
- Fully configurable
- LED or LCD Displays.
- Fast response time.
- Loop-powered Indicators.
- Battery powered Indicators.
- Indicators with up to two Control Relay outputs
- Operation by soft keys on facia (accessible on opening cover)
- DC or AC power supply operation.
- Rugged, industrial grade Polycarbonate enclosures with transparent cover
- Field installation / Pipe mounting option
- IP65 ingress protection.
- Mounting accessories for wall-mount or 2" pipe mount.
- Proven record of several thousand installations
- Lifetime Warranty on components, design and workmanship.