



ELECTRONET
NETWORKING MEASUREMENT SOLUTIONS

Panel Panel

INDICATORS / SIGNAL ISOLATORS



SINGLE INPUT PROCESS INDICATOR

DPC - 100

Electronet series DPC-100 is universal input Process Indicator / Controller specially designed for various industrial applications. These can be used for monitoring and controlling parameters like Temperature, Humidity, Pressure, Flow, Level etc. The measuring range and control points are able to set through the keypad on front fascia and control output is available at the rear terminals. Retransmission output & communication port are additive features of DPC-100.



Features

- ON/OFF controller
- Single Channel
- Universal Input
- Open Sensor Indication
- Software Calibration
- Cold junction Compensation for thermocouple input

DUAL INPUT PROCESS INDICATOR

DPC - 200

Electronet series DPC-200 is universal input, dual channel Process Indicator / Controller specially designed for various industrial applications. These can be used for monitoring and controlling parameters like Temperature, Humidity, Pressure, Flow, Level etc. The measuring range and control points are settable through the keypad on front fascia and control output is available at the rear terminals. Retransmission output & communication port are additive features of DPC-200.



Features

- ON/OFF controller
- Dual Channel
- Universal Input
- Open Sensor Indication
- Software Calibration
- Cold junction Compensation for thermocouple input

UNIVERSAL INPUT PROCESS INDICATOR

DPC - 808

Electronet series DPC-808 is universal input Process Indicator / Controller specially designed for various industrial applications. These can be used for monitoring and controlling parameters like Temperature, Humidity, Pressure, Flow, Level etc. The measuring range and control points are settable through the keypad on front fascia and control output is available at the rear terminals. Low cost design in compact size with large display height is additive feature of DPC-808.



Features

- ON/OFF controller
- Single Channel
- Universal Input
- Open Sensor Indication
- Software Calibration
- Cold junction Compensation for thermocouple input

PROCESS SCANNER

SC - 204

Electronet series SC-204 is unique micro-controller based 8 /16 channel dedicated/universal input process scanner. It is in most miniature size with multiple features. SC-204 can accept the input like RTD, Thermocouple, mA, Voltage, mV and display its processed value with optional alarm settings and communication port. All operating parameters are programmable through front membrane keypad. Individual LED display available for channel number, process value & engineering unit.



Features

- Long lasting battery backup for memory.
- Cold junction compensation for TC input.
- Parallel printer port.
- Software calibration.
- PC communication supporting MODBUS RTU
- 16 channel dedicated/universal Input
- Individual alarm output for each channel
- 2 digit LED display for channel number, 4 digit LED display for process, 5 digit LED display for engineering unit

DIGITAL PANEL METER WITH BAR-GRAPH INDICATOR

DIAM - 151KK

Electronet series DIAM-151KK is a Loop Powered Tri-color Bar-Graph Indicator specially designed for various industrial applications where external power supply is not easily available. These indicators can be used for monitoring various parameters like Temperature, Pressure, Flow, Level, etc. The indicator is powered from the 4-20 mA loop signal. The signal indication is displayed on the 5 digit 0.3" LED display as well as on the 51 segment tri-colour bar-graph. The range is programmable through front membrane keypad. The voltage drop across the loop terminals is approximately 3.6 VDC @ 20 mA.



Features

- Loop Powered
- 51 segment Bar-Graph.
- 4 to 20 mA Input.
- $\pm 0.2\%$ of full scale Accuracy.
- 5 Digit LED Display with Tricolor Bar-graph.

SINGLE CHANNEL BAR-GRAPH INDICATOR

DPI - 160-1

Electronet series DPI-160-1 is single channel Tri-color Bar-Graph Indicator specially designed for various industrial applications. These can be used for monitoring parameters like Temperature, Humidity, Pressure, Flow, Level etc. The input & measuring range are able to set through the keypad on front fascia and control output is available at the rear terminals. Retransmission output & communication port with Bar-Graph indication are additive features of DPI-160-1.



Features

- Universal Input
- Open Sensor Indication
- Software Calibration
- Cold junction Compensation for thermocouple input
- 101 segment Bar-Graph Indication
- Multi Color Bar-Graph Display
- Single Channel

DUAL CHANNEL BAR-GRAPH INDICATOR

DPI - 160-2

Electronet series DPI-160-2 is dual channel Tri-color Bar-Graph Indicator specially designed for various industrial applications. These can be used for monitoring parameters like Temperature, Humidity, Pressure, Flow, Level etc. The input & measuring range are able to set through the keypad on front fascia and control output is available at the rear terminals. Retransmission output & communication port with Bar-Graph indication are additive features of DPI-160-2.



Features

- 101 segment Bar-Graph Indication
- Dual Channel
- Cold Junction Compensation for thermocouple input
- Open Sensor Indication
- Software Calibration
- Universal Input

LOOP POWERED INDICATOR

LPI - 016-8

Electronet series LPI-016-8 is an Loop Powered digital Indicator specially designed for various industrial applications where external power supply is not easily available. These indicators can be used for monitoring various parameters like Temperature, Pressure, Flow, Level etc with the help of 4-20mA input. The digital indication is provided through 8x1LCD display Range is programmable through front membrane keypad. The voltage drop across the terminals is approximately 3.6 VDC@20mA.



Features

- Loop Powered
- 4 to 20 mA Input
- Local Display 8X1 LCD with backlit
- IP-67, Die Cast Aluminum Housing
- 0.1% Accuracy
- Voltage Drop Across Loop 3.6 V

LOOP POWERED BAR-GRAPH INDICATOR

LPI - 016-51

Electronet series LPI-016-51 is an Loop Powered Bar-Graph Indicator specially designed for various industrial applications where external power supply is not easily available. These indicators can be used for monitoring various parameters like Temperature, Pressure, Flow, Level etc with the help of 4-20 mA input. The digital indication is provided through 4 digit LED display & bar graph indication is provided through 51 segment. Range is programmable through front membrane keypad.



Features

- 51 segment Bar-Graph
- 96 x 96 Enclosure
- Voltage Drop Across Loop 3.6 V
- Loop Powered with LED Display
- 4 to 20 mA Input
- 0.1% Accuracy

FLOW INDICATOR TOTALISER

FL-244

Electronet series FL-244 are micro-controller based Flow Indicator Totaliser designed for various industrial applications. These can be used for indication & totalisation of flow. The input can be processed linearly or square rooted. The built-in battery backup is provided for the memory to avoid loss of data in case of power failure. The micro-controller based design provides full flexibility for flow metering applications.



Features

- Single Input, Dual Output
- Input selectable as Linear / Square Root
- Normal / Batch mode for Operation
- Averaging of Inputs for Turbulent Flow
- Programmable Low Flow Cut-Off
- Software Calibration

FLOW INDICATOR TOTALISER

FL-600

Electronet series FL-600 are micro-controller based Flow Indicator Totaliser designed for various industrial applications. These can be used for indication & totalisation of flow. The input can be processed linearly or square rooted or with 10 point linearization table in case of non-linear flow as per requirement. The built-in battery backup is provided for the memory to avoid loss of data in case of power failure. The micro-controller based design provides full flexibility for flow metering applications.



Features

- Single Input, Dual Output
- Normal / Batch mode for operation
- Input selectable as Linear / Square Root / 10 Point linearization table
- Averaging of Inputs for Turbulent Flow
- Programmable Low Flow Cut-Off
- Software Calibration

FLOW INDICATOR TOTALISER

FL-600 D

Electronet series FL-600D are micro-controller based Flow Indicator Totaliser designed for various industrial applications. These can be used for indication & totalisation of flow. The built-in battery backup is provided for the memory to avoid loss of data in case of power failure. The micro-controller based design provides full flexibility for flow metering applications.



Features

- Single Input, Dual Output
- Normal / Batch mode for operation
- Input selectable as Linear / Square Root / 10 Point linearization table
- Averaging of Inputs for Turbulent Flow
- Programmable Low Flow Cut-Off
- Software Calibration

FLOW INDICATOR TOTALISER

FL-600OC

Electronet series FL-600OC are micro-controller based Flow Indicator Totaliser designed for applications like irrigation canals, etc. These can be used for indication & totalisation of flow. The input can be processed linearly or with 120 point linearization table in case of non-linear flow as per requirement. The built-in battery backup is provided for the memory to avoid loss of data in case of power failure. The micro-controller based design provides full flexibility for flow metering applications.



Features

- Indication through LCD Display
- Liquid Level Input in the form of 4-20mA
- Indication of Flow Level as well as Flow Volume
- Programmable Engineering Unit
- Software Calibration

FLOW INDICATOR TOTALISER

FL-600 PTC

Electronet series FL-600 PTC are micro-controller based Flow Indicator Totaliser designed for various industrial applications. These can be used for indication & totalisation of flow. The three individual input can be provided Flow, Temperature & Pressure. The built-in battery backup is provided for the memory to avoid loss of data in case of power failure. The micro-controller based design provides full flexibility for flow metering applications.



Features

- Temperature, Pressure compensated Flow
- Indication through LCD
- Input selectable as Linear / Square Root for Flow
- Normal Mode for Operation
- Averaging of Inputs for Turbulent Flow
- Programmable Low Flow Cut-Off
- Software Calibration

LOOP POWERED SIGNAL ISOLATOR

TX-00

Electronet series TX-00 are loop powered Isolators with signal conversion specially used for various industrial applications. It can interface all types of inputs like RTD, Thermocouple, Voltage & provide isolated mA output. The compact design gives elegant aesthetic & also saves inner space required in panel to mount the instrument.



Features

- Loop Powered Isolator
- Signal Conversion with Isolation
- Dedicated Input
- Accuracy @ 0.25% F.S.
- Compact size & Easy Maintenance
- Din Rail Mount
- Reliable & Cost Effective System

SINGLE INPUT SINGLE OUTPUT SIGNAL ISOLATOR

TX - 10

Electronet series TX-10 are Signal Isolators with single input, single output specially used for various industrial applications. It can interface inputs like Current, Voltage & provide isolated output in terms of Current or Voltage. The compact design saves inner space required in panel to mount the instrument.



Features

- Single Input, Single Output
- Signal Conversion with Isolation
- Dedicated Input
- Accuracy @ 0.25% F. S.
- 24 V DC / 230 V AC Operated
- Compact Size & Easy Maintenance
- Din Rail Mount
- Reliable & Cost Effective System

SINGLE INPUT DUAL OUTPUT SIGNAL ISOLATOR

TX - 20

Electronet series TX-20 are Signal Isolators with single input, dual output specially used for various industrial applications. It can interface inputs like Current, Voltage & provide isolated output in terms of Current or Voltage. The compact design saves inner space required in panel to mount the instrument.



Features

- Single Input, Dual Output
- Signal Conversion with Isolation
- Dedicated Input
- Accuracy @ 0.25% F. S.
- 24 V DC / 230 V AC Operated
- Compact Size & Easy Maintenance
- Din Rail Mount
- Reliable & Cost Effective System

TRIP AMPLIFIER

TX - 100

Electronet series TX-100 are Trip Amplifiers with single input, dual trip output specially used for various industrial applications. It can interface inputs like Current & Voltage & provide isolated output in terms of Current or Voltage. The compact design saves inner space required in panel to mount the instrument.



Features

- Single Input, Dual Output
- Signal Conversion with Isolation
- Universal Input
- Accuracy @ 0.25% F. S.
- Reliable & Cost Effective System
- 24 V DC Operated
- 4 Digit, 0.3" LED display
- Compact Size & Easy Maintenance
- Din Rail Mount
- Potential free relay outputs 2 Nos.

Applications

Food Industry



Automation Industry



Chemical Industry



Thermal Power Energy



Atomic Energy

Manufacturing Industry



Process Industry



Water Treatment Industry



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* Due to our continuous product revisions, design specification and model numbers are subject to change without notice.