

LOOP POWER INDICATORS



Nippon100L and Nippon2020L series is state of art Loop Power Indicators cum Controllers.

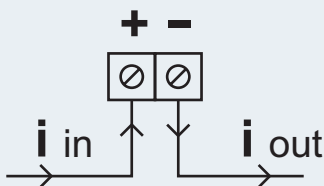
The series is designed with robust microcontroller. Nippon100L and Nippon2020L series is software linearised indicator offering excellent accuracy on 4½digit LCD. The range and decimal points are truly configurable.

Specifications

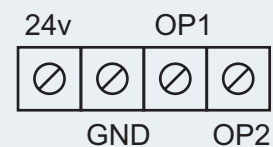
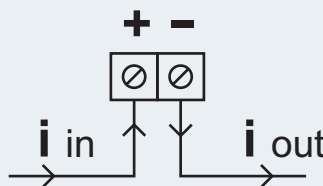
Principle	Microcontroller Based
Display	4 Digits LCD Display and negative sign indication
Range	Programmable -9999 to +9999
Decimal Point	Auto Ranging, programmable and intelligent shifting type
Accuracy	0.01 % of Full Scale
Display Update Rate	0.05 seconds
Response Time	0.5 seconds
Input	4-20mA
Output	4-20mA
Loop Drop	3 Volts
No signal	No indication as no power to the circuit
Setting	By soft-touch elegant, sturdy and user friendly membrane keys
Set Points	2 set Points with hysteresis
Outputs	2 TTL Outputs corresponding to Each Set point, Open collector o/p (1 Amp Load) with terminals for external supply load.
Logic	Normal or Reverse Programmable for Each Set point
Power Supply	No Power Supply required
Design	Sturdy, Robust and Modular
Enclosure	<ul style="list-style-type: none"> • 96H x 96W x 110D DIN Size • Flameproof Enclosure Wall mounting type, Certified by CMRS, Dhanbad • Flameproof Enclosure Pipe Mounting type, Certified by CMRS, Dhanbad • PCB for OEM applications

Wiring Diagram

Nippon 1010LPI



Nippon 2022LP



O/P1 & O/P2 are open collector

LPI IN FLAMEPROOF HOUSING

nippon's 1010LPI-C



- Custom designed enclosure
- PCB module available
- Useful for TRANSMITTER manufactureres like flow, temperature, pressure, PH, Level... etc.

nippon's 2022LP



- Panel Mounting
- 96H x 96W x 110D DIN size
- Soft-touch elegant, sturdy and user friendly membrane keys
- 2 set Points with hysteresis
- 2 TTL Outputs corresponding to Each Set point, Open collector o/p (1 Amp Load) with terminals for external supply load.
- Logic programmable Normal or Reverse for each Set point

nippon's 2022LPI-F



- Pipemounting flameproof enclosure
- Enclosure is suitable for gas group I, IIA, IIB
- Attachment for horizontal or vertical Pipes available

nippon's 1010LPI-F



Nippon1010LPI-F is state of art Loop Power Indicator in flameproof housing.

- 4½ digit LCD
- Flameproof housing weighing only 2 Kg.
- Clear glass of 68 mm diameter gives clear vision in poor light conditions
- 2/3 cable entries having ¾" ET

nippon's 2022LPI-F



Nippon2022LPI-F is state of art Loop Power Indicator cum Controller in Flameproof housing certified by CMRS, Dhanbad.

- 2 set points, 2 TTL outputs
- Suitable for gas group I, IIA, IIB. The enclosure with IIC certificate is available on request
- LM6 material weighing 5 Kgs
- Toughened glass, three push buttons and four cable entries



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