

Slim Isolation Power Distributor SCONI - SL - IPD



Features

SCONI-SL-IPD series Slim Isolation Power Distributor supplies DC power into 2-wire type transmitters for pressure, flow rate or fluid level, and converts the current signal of transmitter into the isolated DC signal simultaneously. The width of this converter is very slim so that this can be used conveniently enough in a small space.

General Specifications

items	Specifications
Input	2-Wire Type Transmitters
Output	Various DC currents and DC voltages
Allowable Tolerance	+/- 0.2% Max
Linearity	+/-0.02% of Full Scale
Response Time	Less than 0.5 sec (0 ~ 90%)
Temperature Influence	+/-0.015%/°C
Output Control Range	ZERO +/-20% SPAN +/-20% of Full Scale
Insulation Resistance	More than 100MΩ at DC 500V
Withstand Voltage	AC 1500V/min between Input / Output / Power Supply
Power Supply	DC 24V +/-10% Less than 100mA
Ambient Temperature	-10 - 60°C
Ambient Humidity	10 ~ 90%
Weight	Appr. 100g in case of DC Power
Material / Color	Non-Flammable ABS / Gray
Dimensions	W23 x H75 x D100(mm)
Mounting Type	DIN Rail

Order Information

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Input Signals

A	2-Wire(DC 24V/4~20mA)
B	Other

Output Signals

1	DC 0 ~ 50mV
2	DC 0 ~ 100mV
3	DC 0 ~ 5V
4	DC 0 ~ 10V
5	DC 1 ~ 5V
6	DC 0 ~ 1mA
7	DC 0 ~ 20mA
8	DC 4 ~ 20mA
R	Other

Power Supply

Y	DC 24V
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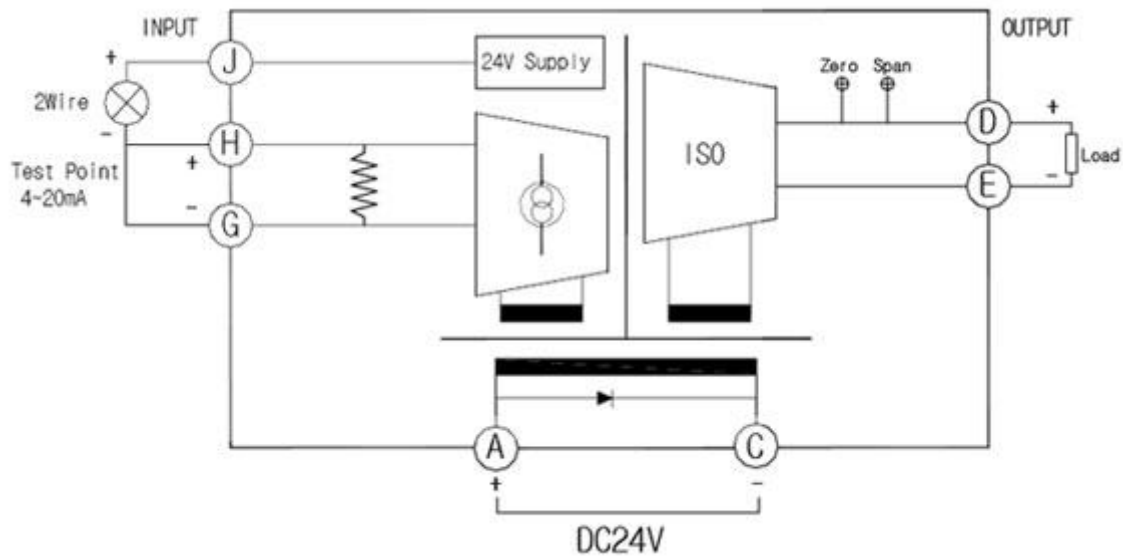
Input Specifications

Input	Specifications
Supply Voltage	DC 24 ~ 28V
Current Limit	30mA (Max)
Input Impedance	100Ω

Output Specifications

Output	Load Resistance	Impedance
0 ~ 100mV	1kΩ or more	100Ω or less
0 ~ 5V	2kΩ or more	0.1Ω or less
0 ~ 10V	4kΩ or more	
0 ~ 1mA	0 ~ 15kΩ	5MΩ or more
4 ~ 20mA	0 ~ 750Ω	

Block Diagram



Dimensions

