



Order information

SCONI - DSC - A -

Type

A	2 Wire
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Input signal

1	DC 0 ~ 100mV
2	DC 0 ~ 10V
3	DC 1 ~ 5V
A	DC 0 ~ 1mA
B	DC 0 ~ 20mA
C	DC 4 ~ 20mA
R	Other

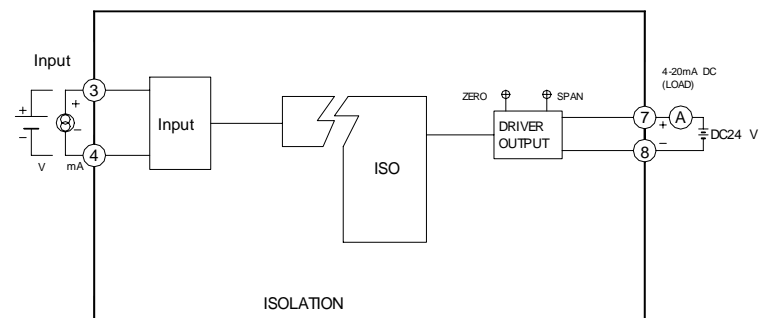
Power / Output

X	DC 18~30V (4~20mA)
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Input specification

Input	Impedance
0 ~ 100mV	20kΩ ~ 1MΩ
0 ~ 10V	
0 ~ 1mA	1kΩ
4 ~ 20mA	100

Block diagram



General

This model is a high resolution converter with completely isolated between input and output. Also this model accepts 2 wire DC signal and outputs 4~20mA.

General specification

Item	Specification
Input	Various DC voltage, current
Output	DC 4~20mA
Tolerance	± 0.2% Max.
Linearity	± 0.2% F.S
Response Time	Less than 1sec(0~90%)
Temperature Coefficient	± 0.015% /
Output adj Range	ZERO ± 20% SPAN ± 20% of F.S
Isolation	More than 100MΩ(DC 500V)
Dielectric Strength	Input/Output/Power AC 1500V/min
Power Supply	DC 24V ±10%, Less than 100mA
Operating Temperature	0 ~ 55
Operating Humidity	20 ~ 80%
Weight	Main : Approx 250gr(DC) Terminal : Approx 70gr
Material/Color	ABS Resin / Black
Dimension	W48 x H88 x D102 (mm)
Mounting	Wall or DIN Rail