

Power Distributor Module

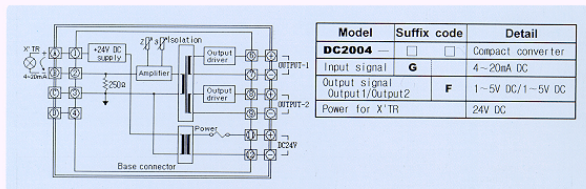


SC2004 Power Distributor module is a high accuracy converter which provides power to 2-wire transmitter and converts transmitted signal (output signal: 4~20mA) to isolated 2 channel DC output signal.

- ◆ Base type with easy maintenance and high density mounting rate
- ◆ Isolation between input and output and between output 1 and output 2
- ◆ Embedded fuse on power line.

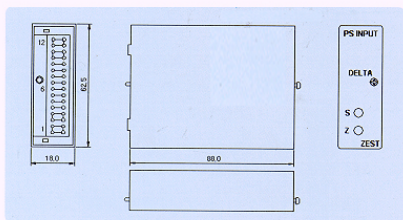
◆ BLOCK DIAGRAM

◆ ORDERINT CODE



Model	Suffix code	Detail
DC2004	<input type="checkbox"/>	Compact converter
Input signal	G	4~20mA DC
Output signal Output1/Output2	F	1~5V DC/1~5V DC
Power for X'TR		24V DC

◆ DIMENSIONS



◆ MODEL : DC2004

◆ SPECIFICATIONS

I N P U T	Input type	2-wire transmitter 4~20mA DC
	Input impedance	250 Ω
	Supply output	24V DC
	Current rating	Approx. 30mA
O U T P U T	OUTPUT- 1	1~5V DC
	OUTPUT- 2	1~5V DC
	Load resistance	Output drive 2mA maximum (e.g. 1~5V :2500 Ω [5V/2mA])
	Zero adjustments	±2%
P E R F O R M A N C E	Span adjustments	±2%
	Accuracy	±0.1% of span (25°C ±5°C)
	Temp. coefficient	±0.02% /°C
	Response time	33msec or less(0~90%)
	Line Voltage effect	± 0.1% with 10% change
	Insulation resistance	Between input and output1 and output2 and power:100MΩ or more at 500V DC
G E N E R A L	Dielectric strength	Between input and [output1/output2/power] : 1minute at 1500V AC Between output1 and output2 and power : 1minute at 500V AC
	Power supply	24V DC ± 10%
	Power consumption	50mA or less
	Power fuse	2.2 Ω 1/4w fuse resistor
	Operating temperature range	0~50°C
	Operating humidity	45~85% RH (No condensation)
	Storage temperature range	-10~60°C
	Storage humidity	95% RH (No condensation)
	Dimensions	W18 × H62.5 × D88mm
	Weight	Approx. 100g

※NOTE