

SC120

Signal Converters



Description

Compact signal converter with built-in 24VDC power supply for the output. The unit is designed for low amplitude signals where isolation is not needed (use SI100 for isolation). A variety of inputs and outputs are available to suit most applications.

FEATURES

- High linearity
- Sink or Source
- On-board PSU
- Choice of Inputs and Outputs
- Low cost
- Versatile
- Power supply ON LEDs

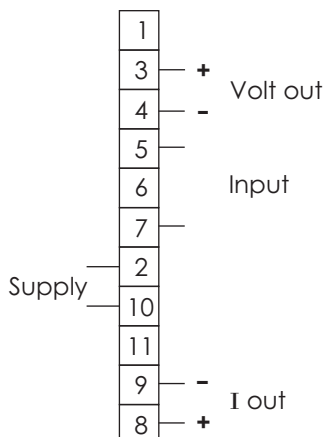
Input Specifications

Input Signals	4-20mA
	0-20mA
	0-5Vdc
	0-10Vdc
Input loading	Input dependent

Supply Specifications

Power Supply AC Type (Galvanic)	110, 230, 400V
	525V \pm 10%
	50 / 60 Hz \pm 5Hz
Isolation	4kV
Consumption	\pm 3VA
	\pm 6VA 525 V
Power Supply DC Types (Non-galvanic)	12,24,48 V \pm 10%
Isolation	None
Consumption	\pm 100 mA

Wiring Diagram



Output Specifications

Output Specifications	4-20mA
	0-20mA
	0-5Vdc
	0-10Vdc
Tracking accuracy	\pm 0.5%
Output Impedance	250ohm for 20mA/5V
	500ohm for 20mA/10V
Output Drive voltage	24Vdc (30mA)
Tracking accuracy	<0.5% FS

General Specifications

Power ON Delay	\leq 300 ms
Power OFF Delay	\leq 200 ms
Indication for Power Supply ON	LED red
Environment	
Degree Of Protection	IP 20
Operating Temperature	-10 to + 50°C
Storage Temperature	-50 to + 85°C
Weight	200g