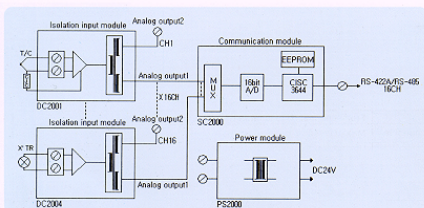


Communication Module



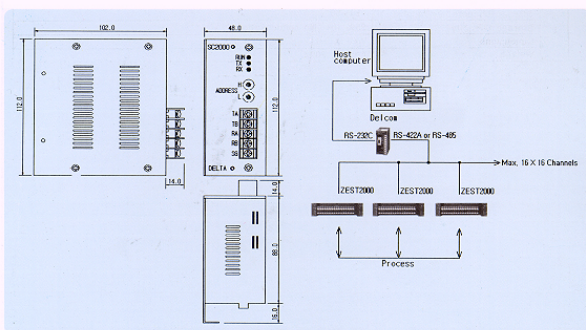
SC2000 Communication module does A/D conversion with input module's first output and interface it's data with host computer through RS-422A / RS-485 communication according to command

◆ BLOCK DIAGRAM



◆ DIMENSIONS

◆ APPLICATION DIAGRAM



◆ MODEL : SC2000

◆ SPECIFICATIONS

ANALOG	Input range	1~5V DC
	Channel point	Max.16 Channels
	Output range	1.000~5.000V
	A/D Resolution	16 bit
	Sampling rate	100KHz
COMMUNICATION	Interface	① EIA standard Based on RS-422A ② EIA standard Based on RS-485
	Multi-drop	Max. 16 Stations (Max. 16 X 16 Channels)
	Speed	1200bps, 2400bps, 4800bps, 9600bps, 19200bps, 38400bps
	Format	① Start bit : 1 ② Data bit : 7 or 8 ③ Parity bit : None or Odd number or even number ④ Stop bit : 1 or 2
	protocol	SC protocol
DATA-UP-LOAD	Details of terminals	① RS-422A (4-wire system) ② RS-485 (2-wire system)
	Sequential data read	From channel 1 to channel 16
	Polling time between channels	Max. 50msec
	Data format	Upload up to 0.001V
	Data accuracy	Assurance for ± 0.001V
GENERAL	Power supply	24V DC ± 10%
	Power consumption	100mA or less
	Power fuse	0.47Ω 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	W47 X H112 X D88 mm
Weight	Approx. 200g	
etc.	Communication option set	Select DIP S/W for options Set rotary S/W for station address

※ NOTE