

High Impedance Differential Amplifier SDAI-202/204 Specifications

【Overview】

In systems with high electrical resistance, such as pure water environments, the potential between two electrodes can be measured in multiple channels (2ch/4ch) without being affected by noise.

【Structure/Appearance】



【Specifications】

Input/output Conversion Ratio	1:1
Input Impedance	$10^{11} \Omega$ or above
Output Impedance	10Ω (typ)
Input Bias Current	5pA (typ) (MAX 15pA)
Insulation	$10^{11} \Omega$ isolation between channels and input/output
Input Voltage Range	$\pm 10V$ (Relative to the Reference Potential)
Frequency Characteristics	DC~1kHz -3db
Input Channel	SDAI-202 : Differential 2ch(2 Circuit) SDAI-204 : Differential 4ch(4 Circuit)
Power Supply	DC 12V
Size	130mm (W) \times 180mm (D) \times 45mm (H) (Excluding Protrusions and Cables)

【Options】

Input/Output Conversion Ration Change	Within 1:100
Additional Filter Circuit	Desired Frequency

【Equipment Set Sample】

SDAI-202/204(main body)

AC Adaptor



○Accessories

Measuring Cable (For SDAI-202, 2 cables ; For SDAI-204 ,4 cables)

○Separated Purchase Required

Output BNC Cable, AC Adaptor

※It is recommended to purchase the specified products for compatibility with the equipment.