

Charge converter for High-temp sensor



Features

- Differential signal convertor
- Built in high/low pass filter
- Easy plug and play
- Low noise signal
- Interface with PE sensor
- Gain option available
- Light weight
- Low source resistance compatible

Electrical

Power requirement	2.2~20 mA
Compliance voltage	22~30 Vdc
Bias voltage.....	12~14 Vdc
Gain option(mV/pC).....	0.1/1/10
Frequency response(±5%).....	1~30KHz
Upper cutoff frequency(-3dB).....	50KHz
Source resistance.....	>50KΩ
Source capacitance.....	<10nF
Output resistance.....	<100Ω
Output Max. 25°C.....	±5V
Gain accuracy.....	±5%
Gain stability.....	±1%
Linearity.....	±1%
Noise refer to output.....	<1mV

Environmental

Temperature range.....	-54 to 100°C
Warm up time.....	<3s
Shock limit.....	100g peak
Vibration limit.....	20g peak
Case.....	Anodized Al Alloy
Sealing	Epoxy seal

Physical

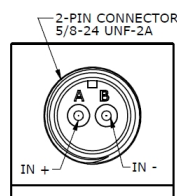
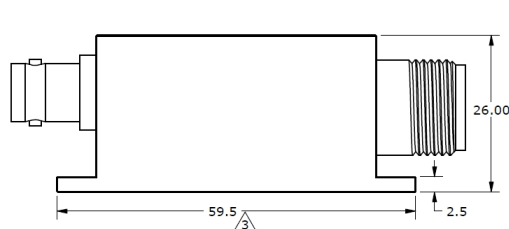
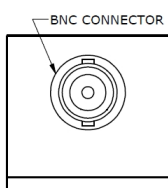
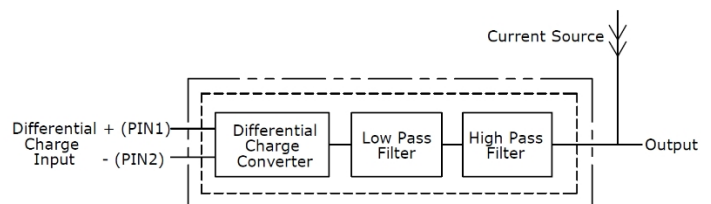
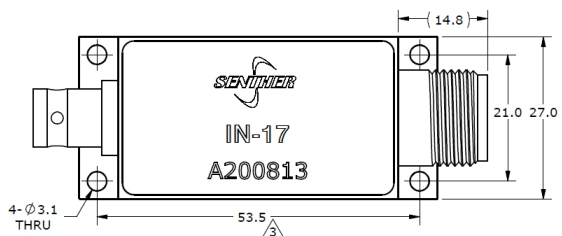
Weight.....	54grams
Input connector.....	2 pins(Male)
Output connector.....	BNC(Male)

Accessories

- 4 sets M3x8 cup socket head screw and flat washer
- Calibration certificate

Note:

Gain accuracy at 1nF source capacitance and 100Hz ref frequency
 Gain stability referred to 25 °C at 100Hz from -40°C to 85°C



Ordering Information

IN-17-10
 -10: 10 mV/pC