

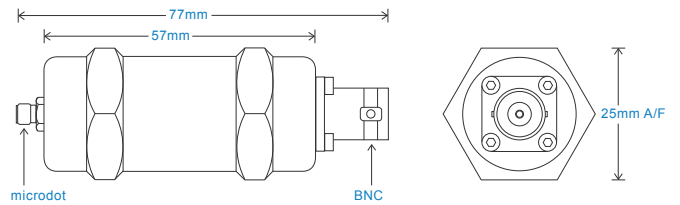
# HS-CA002 Charge Amplifier

## AC acceleration output

### Key Features

- Inline

**Industries**  
Test and Measurement,  
High Temperature



### Technical Performance

Sensitivity	1pc/g = 2mV/g (other sensitivities available) Max output = 8V
Frequency Response	2Hz to 20kHz
Non-Linearity	<1%
Output	AC on a 12V bias level
Output Impedance	200 ohms

### Mechanical

Case Material	Stainless Steel
Input Connector	Microdot
Output Connector	BNC Socket
Weight	100g (nominal)

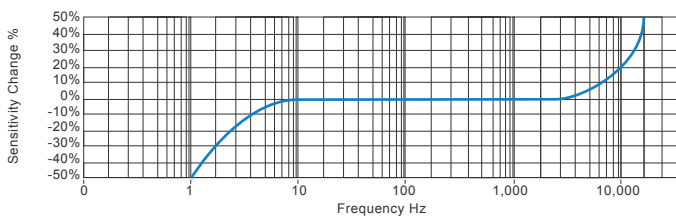
### Electrical

DC Supply	18-30 Volts DC
Current Range	0.5mA to 8mA
Settling Time	2 seconds

### Environmental

Operating Temperature Range	-55 to 85°C
Sealing	IP65
EMC	EN61326-1:2013

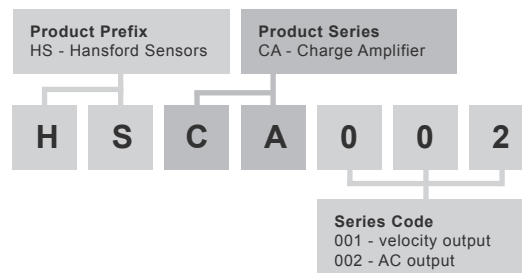
### Typical Frequency Response (at 100mV/g)



### Applications

Feed Pumps, Boilers, Turbines  
and Compressors

### How To Order



[www.hansfordsensors.com](http://www.hansfordsensors.com)  
[sales@hansfordsensors.com](mailto:sales@hansfordsensors.com)

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