

'SteveCo' KRNBB-PC Point Contact Sensor

Electrical Specifications:

Integral impedance matching circuitry. Use with KRNeWB-PC single or KRN AMP-xBB-J multi-channel preamplifier(s). (x is 4 or 12 channel)

Mechanical Specifications:

Dimensions (mm): 28.33 L x 14 OD 30.46 overall with connector	Weight: 17 gms
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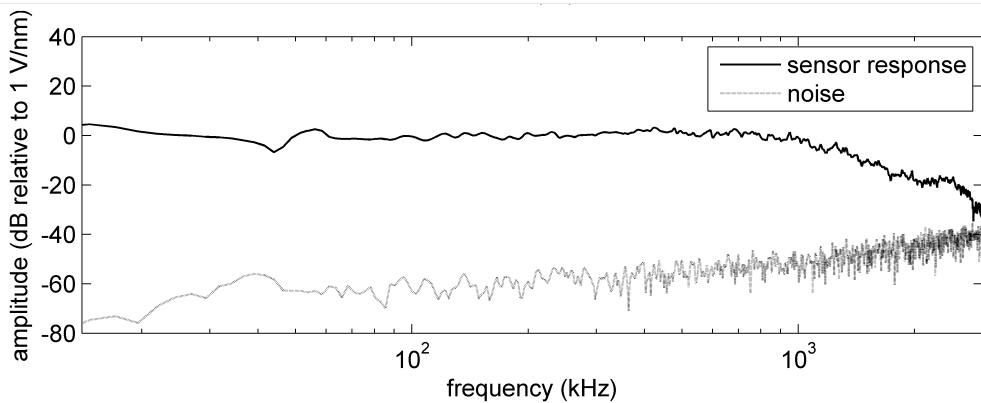
All Stainless steel body with Nickel faceplate.

M14-1.25 threaded body

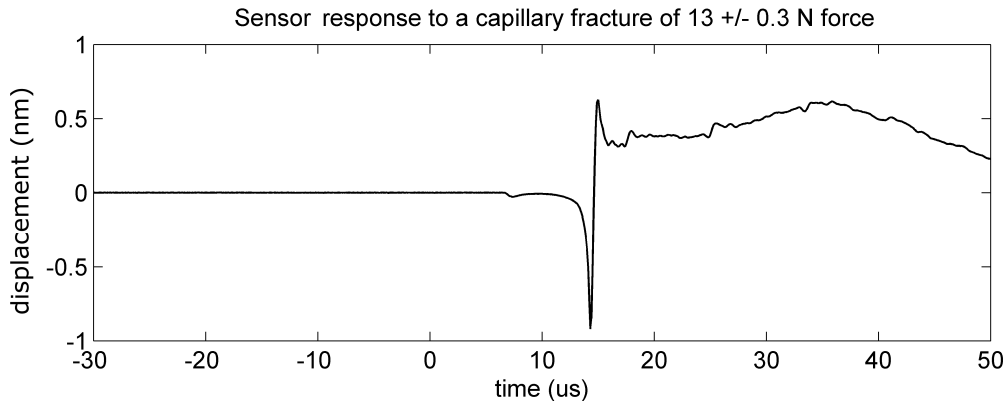
Connector: 10-32 MICRODOT Coax



Typical Sensor Spectral Response - The image below is a typical spectrum obtained with the sensor face contacting a 50mm thick steel slab using the fracture of a radial loaded glass capillary tube as the wave generator. The spectral response is limited from 100kHz (due to the size of the steel slab at the lower end of the spectrum) to 2.5MHz (above which the signal to noise ratio drops below ~20dB for the capillary fractures used for waveform capture).



Typical Sensor Time-Base Response - The image below is a typical response obtained from the same type of wave generation as used for the spectrum above. The response exhibits excellent adherence to the theoretical response



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