



Connection Technology Center  
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## Safety Integrity Level (SIL) Certificate of Compliance

The following parts mentioned are suitable for use in safety related systems up to and including SIL 2 in accordance with IEC 61508. The mean time to failure was calculated using the IEC 62380 protection method. Since the mode of operation is continuous, failures per hour is used to determine the Safety Integrity Level (SIL).

### Parts tested:

| Part Number  | Description                                                       | Failures/Hour |
|--------------|-------------------------------------------------------------------|---------------|
| AC221 SERIES | High Frequency mini-MIL Accelerometer,<br>Top Exit Cable, 10 mV/g | 1.27218E-07   |

Certified by

A handwritten signature in black ink that reads 'Charlotte Cook'. The signature is written in a cursive, flowing style.

Charlotte Cook  
Director of Engineering