



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 |
|--------------|--|---------------|
| AC980 SERIES | Intrinsically Safe Triaxial Accelerometer, 4 Pin mini-MIL Connector/Cable, 100 mV/g for Modal/ODS Analysis | 1.27218E-07   |

Certified by

Colin Walker  
Quality Assurance and Regulatory Affairs Manager