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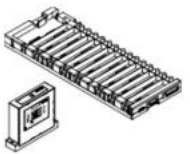
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FieldMonitor* Hazardous Area Solutions

Bently Nevada* Asset Condition Monitoring



Description

The 1701/06 Isolator Terminal Base (ITB) and 170190 Dual Galvanic Isolator are the FieldMonitor* hazardous area solutions that support intrinsically safe transducer installations without external safety barriers. You must locate the FieldMonitor ITB and its associated modules in non-hazardous, Division 2, or Zone 2 areas while the connected transducers may be located in Division 1, Zone 1, or Zone 0 areas.

The 170190 Dual Galvanic Isolator installs directly into the ITB. This module eliminates the need to specify, install, and wire external safety barriers, or establish and maintain an intrinsically safe ground that zener safety barriers require. Two Galvanic Isolator versions are available:

- The 170190-01 is compatible with the 170133 and 170172 Internal Dual Proximitor* sensors. It also works with most of our standard Bently Nevada* external Proximitor sensors, velocity transducers, Velomitor* sensors, and accelerometers that use the 170180 transducer I/O modules.
- The 170190-02 was especially designed to be used with the CEC 4-131 and equivalent Velocity Transducers.

Note: An optional cable assembly (p/n 138925) is available when buffered dynamic outputs need to be routed to an external patch panel, or any other device requiring dynamic signals.

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