

CSi 9000 Series Transmitters

CSi 9210 Machinery Health Transmitter

The CSi 9210 Machinery Health Transmitter is a simple to deploy smart transmitter for your critical assets. It offers the benefits of a simple to configure, DCS/PLC integrated vibration transmitter that provides detailed diagnostic data. This assists in the quick diagnosis of the cause of high vibration when an alarm event occurs.

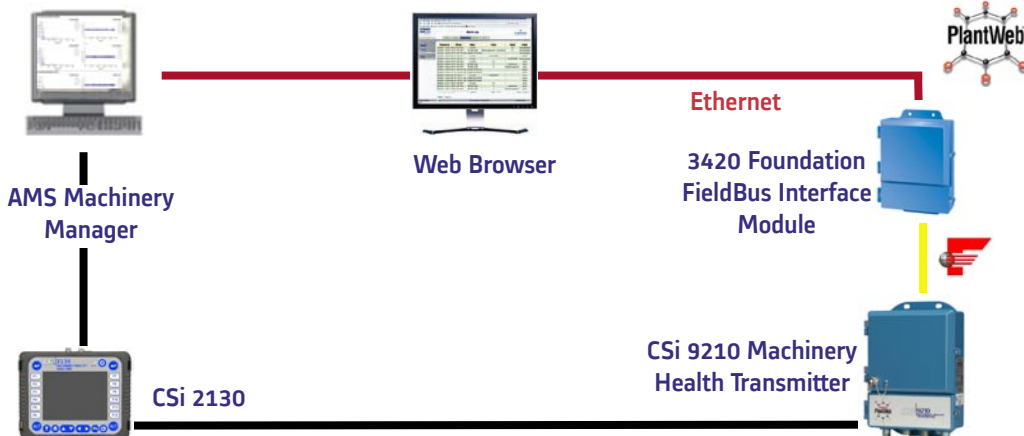
Features

- Simple configuration which does not require high levels of expertise
- Digital output via Foundation FieldBus direct or via 3420 FieldBus Interface Module
- Delivers overall velocity trends to your DCS for capturing imbalance, misalignment and looseness defects
- Delivers PeakVue trends for early detection of rolling element bearing defects
- Available in 4, 8 and 12 channel versions
- Can evaluate tacho and temperature inputs
- Connectivity to plant PLC, DCS via Foundation FieldBus
- On alarm, high resolution velocity, acceleration and PeakVue data are stored to enable detailed analysis
- Data can be downloaded to Emerson's 2130 Machinery Health Analyser for further analysis



CSi 9210
MACHINERY HEALTH
TRANSMITTER

EMERSON
Process Management



SigmaMSc

A10.B02.V1 - 06/2009

CORPORATE OFFICE
PO Box 268
Cannon Hill Qld 4170
www.sigmamsc.com

QUEENSLAND
7 Terrace Place
Murarrie Qld 4172
+61 7 3902 9900

VICTORIA
27 Research Drive
Croydon Vic 3136
+61 3 9761 5088

NEW SOUTH WALES
1/5 Harris Street
Wallsend NSW 2287
+61 2 4951 8455

WESTERN AUSTRALIA
1/68 Marine Terrace
Fremantle WA 6160
+61 8 9318 8904

SigmaMSc is the trading name of Sigma Energy Solutions Pty Limited (ABN 77 104 097 298)

CSi 9000 Series Transmitters

CSi 9420 Wireless Vibration Transmitter

The CSi 9420 Wireless Vibration Transmitter has full WirelessHART connectivity via the 1420 Smart Wireless Gateway. The 9420 provides both overall velocity and PeakVue vibration data direct to a plant PLC/DCS for trending and alarming. Due to its wireless capability, it is especially useful in hard to reach locations or where it may be cost prohibitive to install a wired transmitter.

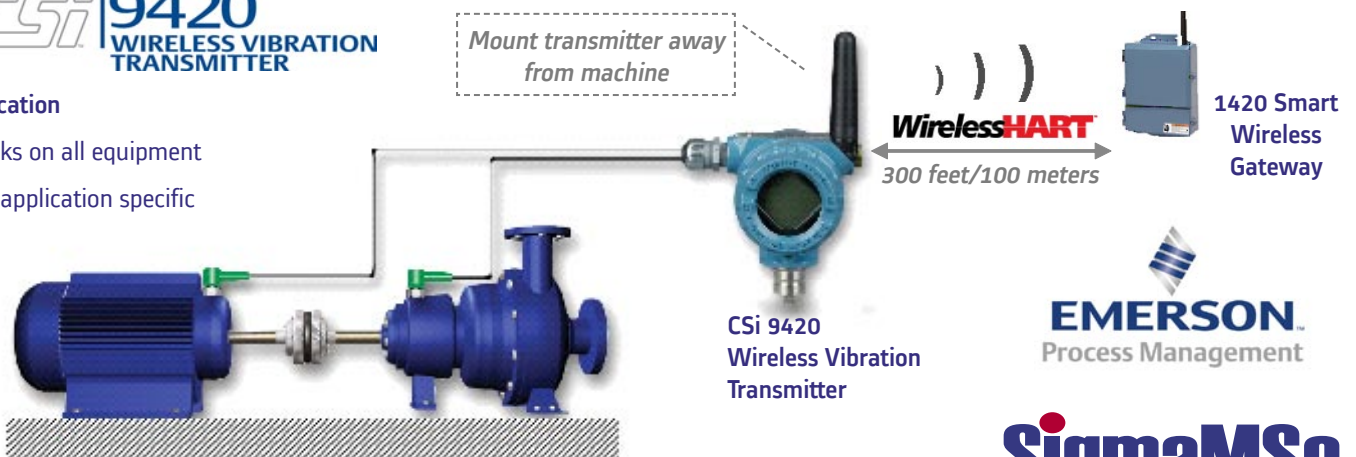
Features

- 9420 delivers vibration information over a self-organising wireless network for use by operations and maintenance personnel
- 9420 integrated LCD conveniently displays sensor values and transmitter diagnostics, local indication of vibration measurements and diagnostics provides real-time, accurate verification of process conditions
- Input from one or two low powered accelerometers
- Predictive diagnostics accessible with AMS Device Manager to configure, calibrate, diagnose and document activities
- Full process variables via WiHART
- The 1420 Smart Wireless Gateway enables the most robust security available providing easy host integration with no additional software
- The 1420 continuously optimises network performance to maximize data reliability and battery life of the 9420



Application

- works on all equipment
- not application specific



A10.B03.V1 - 06/2009

CORPORATE OFFICE
PO Box 268
Cannon Hill Qld 4170
www.sigmamsc.com

QUEENSLAND
7 Terrace Place
Murarrie Qld 4172
+61 7 3902 9900

VICTORIA
27 Research Drive
Croydon Vic 3136
+61 3 9761 5088

NEW SOUTH WALES
1/5 Harris Street
Wallsend NSW 2287
+61 2 4951 8455

WESTERN AUSTRALIA
1/68 Marine Terrace
Fremantle WA 6160
+61 8 9318 8904

SigmaMSc is the trading name of Sigma Energy Solutions Pty Limited (ABN 77 104 097 298)

SigmaMSc

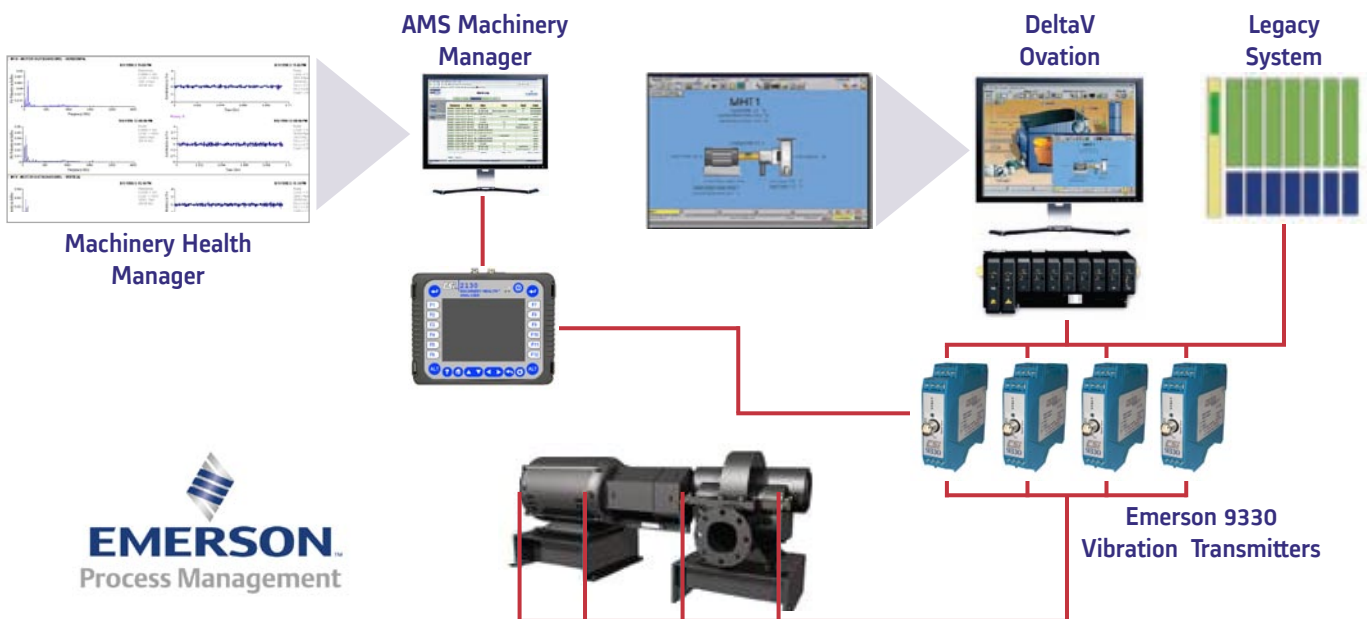
CSi 9000 Series Transmitters

Csi 9330 Vibration Transmitter

The CSi 9330 Vibration Transmitter provides continuous vibration data for both velocity and PeakVue to your plant DCS/PLC via analogue 4-20mA output. In addition, the 9330 has BNC output for connectivity with the 2130 vibration analyser to collect full dynamic vibration data.

Features

- The 9330 transmitter takes input from standard accelerometers and provides 4-20mA output proportional to velocity and PeakVue
- The 9330 is DIN rail mountable and can be used in a wide variety of applications
- The 9330 transmitter provides temperature input/output as an option
- The 9330's can be used in conjunction with vibration hardware



A10.B04.V1 - 06/2009

CORPORATE OFFICE
PO Box 268
Cannon Hill Qld 4170
www.sigmamsc.com

QUEENSLAND
7 Terrace Place
Murarrie Qld 4172
+61 7 3902 9900

VICTORIA
27 Research Drive
Croydon Vic 3136
+61 3 9761 5088

NEW SOUTH WALES
1/5 Harris Street
Wallsend NSW 2287
+61 2 4951 8455

WESTERN AUSTRALIA
1/68 Marine Terrace
Fremantle WA 6160
+61 8 9318 8904

SigmaMSc is the trading name of Sigma Energy Solutions Pty Limited (ABN 77 104 097 298)