

VIBREX monitoring ...

Condition Monitoring ◀

Valid starting: immediately

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1 Reliable vibration/bearing monitoring at low cost
2 Monitoring of operating condition parameters is a
3 sound strategy for reducing machine downtime - but
4 the expense involved often limited its use to only
5 a few large machines. Now, however, the modular
6 VIBREX system by PRÜFTECHNIK AG provides afford-
7 able monitoring and automated alarm-based switch-
8 ing for one or two channels. Its dual-function
9 standard sensor cuts hardware and installation
10 costs by measuring both machine vibration (ISO)
11 and shock pulse signals (dB_{sv}) of anti-friction
12 bearings. Separately-adjustable warning and alarm
13 limits allow separate actions - such as warning
14 signals followed by automatic machine shutoff -
15 with separate on-board LED indicators and an ad-
16 justable delay to prevent false alarms. A 4-20mA
17 output allows connection of PLC/PCS (with control
18 room display). Evaluation modules are contained in
19 an IP65 industrial housing; specialized modules
20 are also available expressly for gear vibration
21 and low-speed machines. Self-diagnostic routines
22 clearly show short circuits, broken connections
23 and power status with LEDs. The AC/DC-powered
24 system includes sensors, cable, mounting accesso-
25 ries and instructions for quick installation -
26 perfect for original equipment delivery or for
27 afterfitting at the production site.

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Ein Unternehmen der PRÜFTECHNIK-Gruppe

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Press release

VIBREX® is a registered trademark of PRÜFTECHNIK AG

VIBREX press photo



Press release

VIBREX: Low-cost local monitoring of machine vibration and bearing condition

A high resolution file is available from PRÜFTECHNIK webpage :

www.pruftechnik.com/vibrex.jpg

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