

Products for condition monitoring



FAG DTECT X1 s

Reliable machine protection through vibration analysis

Flexible online monitoring through FAG DTECT X1 s with improved functions:

- compact und robust design
- flexible adaptation to monitoring tasks
- worldwide approved technology





FAG DTECT X1 s is applicable in many industrial sectors for online monitoring:

- **Steel and non-ferrous metals**
e.g. Reversing or rolling stands, tandem lines
- **Raw material extraction and processing**
e.g. Roller presses, cement mills
- **Shipbuilding**
e.g. Propulsion drives, thrusters
- **Hydroelectricity**
e.g. Pumps
- **Pulp and Paper**
e.g. Paper machine



Operating benefits:

- **Saving space:**
 - through compact design:
W: 260 mm x H: 150 mm x D: 90 mm
- **Improved monitoring functions**
 - from up to eight channels plus two additional channels with an integrated rotary frequency input
- **Increased reliability thanks to failure protection**
 - through improved overvoltage protection for power, additional signals and communication, sensor defect identification
- **Easy integration into the plant**
 - through TCP/IP and serial communication (WiFi option) and through compatibility to existing installations (firmware and software)
- **Suitable for rough environments**
 - through extended operating temperature range for the device environment from -20 °C to +70 °C and through protection class IP 67
- **Flexible and easy installation in the field:**
 - through standardized connection technology (M12-connection sockets and isolation amplifiers as separate modules)



For further information on FAG condition monitoring products just ask for a copy of our catalogue!



Schaeffler Technologies GmbH & Co. KG

Georg-Schäfer-Straße 30

97421 Schweinfurt (Germany)

Phone: +49 2407 9149-66

Fax: +49 2407 9149-59

E-mail: info@schaeffler-iam.com

Internet: www.schaeffler-iam.com