SKF

POWERFUL CONDITION MONITORING

SKF Multilog On-line Systems IMx-8 and IMx-16 family

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Compact, book-sized monitoring units

- IMx-8 weight: **450 g *(0.99 lb)***
  IMx-8Plus: **580 g *(1.28 lb)***
  IMx-16: **571 g *(1.26 lb)***
  IMx-16Plus: **582 g *(1.28 lb)***
- Dimensions: **104 x 172 x 40 mm**
  (4.1 x 6.8 x 1.6 in)

Key Features

- IMx-8 and IMx-8Plus: 8 analogue and 2 digital inputs
- IMx-16 and IMx-16Plus: 16 analogue and 4 digital inputs
- Simultaneous measurements on all channels and configurable for true synchronous measurements
- PoE (Power over Ethernet) and/or 24 – 48 V DC
- 4 GB internal memory for data and event captures
- Data buffering in non-volatile memory when communication is down
- Improved Modbus TCP/IP and Modbus RTU capabilities including multiple and simultaneous use
- Stand-alone mode or compatible with SKF @ptitude Observer
- Bluetooth configuration and data access in stand-alone mode via iOS and Android apps
- App support for SAT (Site acceptance test)
- Crash detection capability (machine tools)
- Event and run cycle based long time waveform captures
- Applicable to the wind energy, marine, machine tool and process industries

For IMx-8Plus and IMx-16Plus:

- LTE/GSM mobile data and Wi-Fi capabilities are built-in, as alternatives to hard wired Ethernet
- In addition to the standard capability for the analogue channels to accept a range of vibration transducers, channels 9 to 16 support directly connected PT1000, temperature sensors (For the IMx-16 and IMx-16Plus)

Plan machine maintenance to suit you with the Multilog IMx-8 and IMx-16 family

SKF Multilog IMx-8 and IMx-16 family provide a complete system for early fault detection. Improve the reliability, availability and performance of your rotating equipment with automatic advice for correcting existing or impending conditions.

These compact devices offer 8 (16) analogue and 2 (4) digital channels, with connectivity to mobile devices and networks for easy configuration and monitoring. Machine intelligence from IMx data will help you avoid unplanned downtime and schedule maintenance proactively, prolonging machine availability and minimising maintenance and repair costs. The IMx-8, IMx-8Plus, IMx-16 and IMx-16Plus integrate easily with other IMx units and can connect with the SKF Cloud for storing and sharing data, enabling SKF Remote Diagnostic Services for expert reporting and recommendations. They are DIN rail mounted or can be housed in an IP65 cabinet to provide additional protection in demanding industrial environments.

Only pay for the monitoring you need

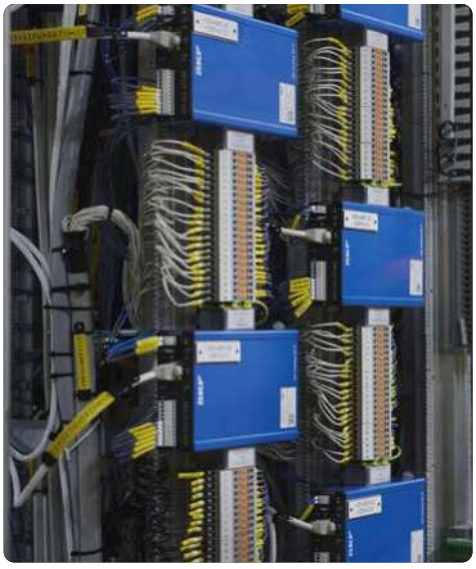
If you can spot equipment issues before they become problems, everything runs more smoothly. With up to 16 analogue and 4 digital channels collecting sensor data and enhanced Modbus capabilities, the SKF Multilog IMx-8 and IMx-16Plus gather the essential data that tells you exactly how your machines are performing. What's more, you can get direct access to world-class SKF software, analytics and support. Delivering the essential knowledge you need to avoid downtime and increase system availability.

Configure and monitor from your iOS or Android device

These compact SKF Multilog IMx units can be configured via Bluetooth and monitored with mobile devices, using existing machine template configurations stored in the SKF Cloud. With easy wireless connectivity, field teams no longer need to carry laptops to complete setup or carry out monitoring. USB, Ethernet, Modbus TCP/IP & RS 485 communication options in conjunction with crash detection capability make them ideal for machine tool monitoring applications.

Use as a stand-alone device

In stand-alone mode, the compact SKF Multilog IMx-8 and IMx-16 family can be used without the need for connection to a central software system or external data communications. They continuously measure and store machine data for later analysis, with real time alarm indication. Both devices are big on performance with more functionality than larger units, featuring 4 GB of internal memory capable of storing a year's worth of machine data and event storage. Real time machine data can be displayed via an operator's mobile device. For operations with flexible monitoring requirements, it's a cost effective solution for obtaining high-value machine intelligence.

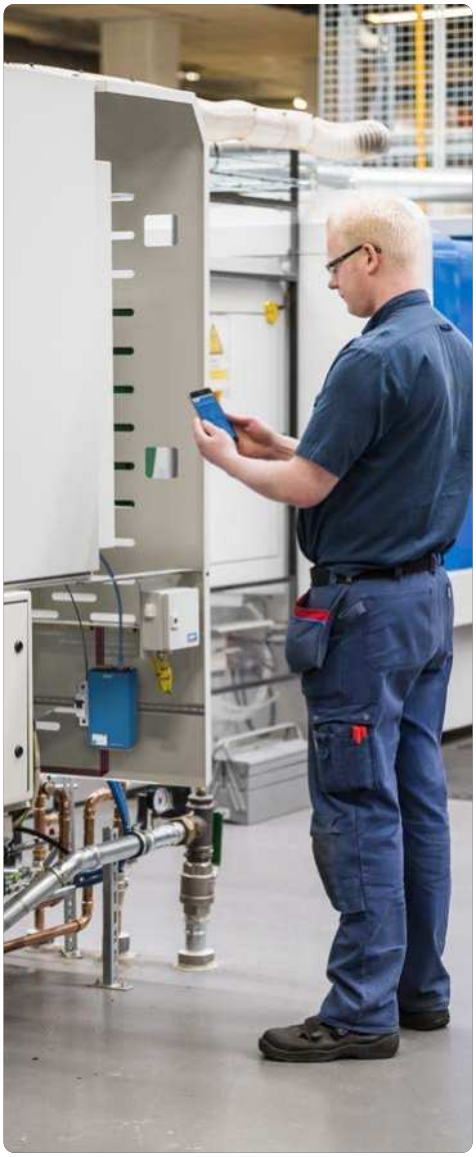


Fit monitoring where it didn't fit before

Space is less of a barrier with SKF Multilog IMx-8 and IMx-16 family. Both are only the same size as a paperback book, so fit easily into smaller spaces, opening opportunities to save cost and make installation easy by utilising existing instrumentation cabinets. Both units feature power over Ethernet capability, which can further simplify and reduce installation time and cost.

Integrate and expand as you need

Whether you need to monitor a single machine or an entire plant, SKF Multilog IMx-8 and IMx-16 family is the solution that scales to fit. They're compact and cost-effective enough for a single installation, yet also integrate easily with other IMx products or systems to provide a complete picture of your machine health. Both are available as a DIN-rail mounted unit or housed in an IP65 cabinet, and have relevant approvals for the wind and marine industries.



Tap into unmatched condition monitoring expertise

With SKF Multilog IMx-8 and IMx-16 family you can get direct access to world-class software, analytics and support. Through cloud-enabled services you can diagnose faults and visualise data, as well as connect directly with SKF experts, providing you with the support that helps you make sure your equipment performs at its best, all of the time.

Confidence built-in

Over the years SKF's IMx solutions have earned a reputation for dependable performance. Our customers can be confident in a level of monitoring that not only meets their needs but also matches the toughest industry standards.

System configuration

Machine data and
controller interface

SKF @ptitude Observer

- Work flows
- User views
- Dashboard
- Data visualisation

SKF Multilog On-line System
IMx-8 and IMx-16 family

SKF Multilog Manager app

- Setup and configuration
- Machine monitoring
- Stand alone mode

SKF Remote
Diagnostic Services

On-line systems

- Data storage
- Data sharing
- Connection to SKF services

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ABUS 125 kg
JJ GRUPPEN 0300-566 570

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PUB CM/P2 17174/2 EN · March 2025
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