3500 MACHINERY PROTECTION SYSTEM

# Product Data Sheet

## 140471-01

Machinery monitor interface module

| FUNCTION | FAMILY | ORIGIN | WEIGHT |
|---|---|---|---|
| **Machinery monitor interface module** | **3500 machinery protection system** | **USA** | **0.4 kg** |

3500 System 140471-01 is a Machinery monitor interface module for the 3500 machinery protection system. The values below are limited to the exact documented article.

## 01 VERIFIED TECHNICAL DATA

| | |
|---|---|
| Compatible monitor | 3500/42M |
| Input configuration | Proximitor/Velomitor |
| Termination arrangement | Internal terminations |
| Rack location | Rear full-height I/O position |
| Channel association | Four-channel main monitor; configuration in channel pairs |
| Barrier configuration | Standard non-barrier I/O variant |
| Operating temperature | -30 to +65 deg C |
| Storage temperature | -40 to +85 deg C |
| Humidity limit | 95%, noncondensing |
| Supported sensor types | Proximitor, Accelerometer, Velomitor and HTVS |

Technical values are limited to the exact manufacturer record and applicable official manual.

## 02 ADDITIONAL PRODUCT DATA

## 03 OFFICIAL APPLICATIONS

- Steam turbine bearing protection panels: Turbine Monitoring Systems
- Compressor and pipeline pump trains: Machinery Protection Systems
- Grinding mill drive trains: Rotating Asset Systems

## 04 SYSTEM COMPATIBILITY

Match 140471-01 to the installed 3500 machinery protection system, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

## 05 OFFICIAL SOURCES

**Bently Nevada official manufacturer documentation**

https://www.bakerhughes.com/bently-nevada

**AMIKON PRODUCT SUPPORT**

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