

3500 SYSTEM

Product Data Sheet

3500/42

machinery monitoring module

FUNCTION machinery monitoring module	FAMILY 3500 System	ORIGIN USA	WEIGHT 0.9 kg
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3500 System 3500/42 is a machinery monitoring module for the 3500 System. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Output Impedance	550 Ω
Transducer Power Supply	-24 Vdc
Voltage Compliance	0 to +12 Vdc range acrossload
Shaft AbsoluteOutputImpedance	300 Ω
Exact Part Number	3500/42
Product Family	3500 System
Component Type	Machinery Monitoring Module
Channel Capacity	4 channels
Rack Space	One full-height slot
Backplane Supply	3500/3300 rack power

ADDITIONAL PRODUCT DATA

Input Type	Condition-monitoring transducer
Alarm Outputs	Alert and Danger levels
Status LEDs	OK, TX/RX and Bypass
Buffered Output	Front-panel transducer signal
Configuration	Rack configuration software

OFFICIAL APPLICATIONS

- Apply the documented machinery monitoring module: Use 3500/42 in the documented 3500 System measurement or protection channel. Match the exact order code, installed position, signal range and monitored machine function before work.
- Restore the recorded machinery monitoring module connections: Photograph terminals, coaxial connectors, shields, earth points, rack slot and adjacent hardware before removing 3500/42. Restore each connection to the controlled drawing.
- Validate the complete machinery monitoring module signal path: After installing 3500/42, check transducer supply, gap or zero, signal response, alarms and rack diagnostics. Record the measured values before releasing the machine channel.

SYSTEM COMPATIBILITY

Match 3500/42 to the installed 3500 System, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Bently Nevada 3500/42 manufacturer documentation](#)

Local manufacturer PDF supplied by user

AMIKON PRODUCT SUPPORT

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