3500 MACHINERY PROTECTION SYSTEMS

Product Data Sheet

3500/42M 140734-02

Proximitor and seismic monitor

FUNCTION	FAMILY	ORIGIN	WEIGHT
Proximitor and seismic monitor	**3500 machinery protection systems**	**United States**	**0.82 kg**

3500 System 3500/42M 140734-02 is a Proximitor and seismic monitor for the 3500 machinery protection systems. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Signal channels	Four
Accepted transducer signals	Proximity, velocity or acceleration
Function grouping	Channels 1-2 and 3-4 programmed as pairs
Typical power consumption	7.7 W
Standard proximity/acceleration input impedance	10 kohm
Transducer supply	-24 Vdc
Front buffered outputs	One short-circuit-protected coaxial output per channel
Buffered output impedance	550 ohm
Recorder output	4-20 mA proportional to full scale
Recorder load	0-600 ohm

02 ADDITIONAL PRODUCT DATA

Recorder update time	100 ms or less
Recorder resolution	0.3662 microampere per bit
Status indicators	OK, TX/RX and Bypass
Rack allocation	One full-height front slot

03 OFFICIAL APPLICATIONS

- Steam Turbines and Generator Bearing Trains: Shaft condition monitoring
- Process Compressors and Pipeline Driver Trains: Rotating equipment monitoring
- Paper Machine Rolls and Drive Sections: Machine train protection

04 SYSTEM COMPATIBILITY

Match 3500/42M 140734-02 to the installed 3500 machinery protection systems, 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

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**