

INDUSTRIAL AUTOMATION PRODUCT

135489-02

3500 internal-barrier I/O module

Four protected transducer input channels

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	3500/42M and 3500/70M monitoring systems
Part number	135489-02

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



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Technical Specifications

Technical values below are limited to the named Bently Nevada product record.

PARAMETER	TECHNICAL VALUE
Complete model	135489-02
Manufacturer	Bently Nevada
Product family	3500/42M and 3500/70M monitoring systems
Part number	135489-02
Termination	Internal
Barrier configuration	Internal barriers
Prox/Accel channels	2
Velomitor channels	2
Compatible monitor families	3500/42M and 3500/70M

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	3500/42M and 3500/70M monitoring systems
Companion hardware	documented companion hardware
Field connection	approved field wiring or cabling
Primary system function	Supports two Prox/Accel inputs
Controlled acceptance duty	Continuous machinery monitoring

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System Role and Architecture

Four protected transducer input channels

FUNCTION 1

Supports two Prox/Accel inputs

FUNCTION 2

Supports two Velomitor inputs

FUNCTION 3

Uses internal terminations

FUNCTION 4

Provides the documented internal-barrier arrangement

Matched system components

- 3500/42M and 3500/70M monitoring systems
- documented companion hardware
- approved field wiring or cabling
- monitoring-system configuration record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	3500/42M and 3500/70M monitoring systems
Companion hardware	documented companion hardware
Field connection	approved field wiring or cabling
Primary system function	Supports two Prox/Accel inputs
Controlled acceptance duty	Continuous machinery monitoring

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Applications and Engineering Context

Continuous machinery monitoring

Supports two Prox/Accel inputs

Alarm integration

Supports two Velomitor inputs

Diagnostic review

Uses internal terminations

Documented system renewal

Provides the documented internal-barrier arrangement

TECHNICAL NOTE

Match the monitor family, channel types, earthing-module arrangement and hazardous-area design before installation.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	135489-02 / 135489-02 recorded
Physical interface	3500/42M and 3500/70M monitoring systems
Companion check	documented companion hardware
Functional proof	Supports two Prox/Accel inputs
Application test	Continuous machinery monitoring

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Engineering Precautions

- 1 Verify the complete 135489-02 marking and the assigned 3500/42M and 3500/70M monitoring systems position before work.
- 2 Place the connected machinery and monitoring channel in the approved maintenance state before handling 135489-02.
- 3 Isolate every documented supply and field circuit before disconnecting 135489-02.
- 4 Record the installed connectors, conductors, cable routing and configuration associated with 135489-02.
- 5 Use ESD controls and protect exposed connectors, cable ends and keyed interfaces while handling 135489-02.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 330102 00 80 10 01 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330102 00 80 10 01 05 page
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Bently Nevada 102044 00 18 10 02 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 102044 00 18 10 02 00 page

MANUFACTURER SOURCE RECORD

3500/42M Proximitors Seismic Monitor Datasheet

143694 Rev. AE

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