

135489-02

3500 internal-barrier I/O module

Four protected transducer input channels

PRODUCT SNAPSHOT

BRAND

Bently Nevada

FAMILY

3500/42M and 3500/70M monitoring systems

PART

135489-02

PRODUCT TYPE

3500 internal-barrier I/O module

APTER POWER SALES TEAM

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PRODUCT OVERVIEW

Four protected transducer input channels

1

Supports two Prox/Accel inputs

2

Supports two Velomitor inputs

3

Uses internal terminations

4

Provides the documented internal-barrier arrangement

SYSTEM COMPONENTS

3500/42M and 3500/70M monitoring systems

documented companion hardware

approved field wiring or cabling

monitoring-system configuration record

TECHNICAL NOTE

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

TECHNICAL DATA

PARAMETER	VALUE
Complete model	135489-02
Manufacturer	Bently Nevada
Product family	3500/42M and 3500/70M monitoring systems
Part number	135489-02
Termination	Internal

PARAMETER	VALUE
Barrier configuration	Internal barriers
Prox/Accel channels	2
Velomitor channels	2
Compatible monitor families	3500/42M and 3500/70M

ENGINEERING NOTE

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

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 74712 03 11 02 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 74712 03 11 02 00 page
Bently Nevada 74712 01 11 02 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 74712 01 11 02 00 page
Bently Nevada 330171 00 08 20 02 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330171 00 08 20 02 00 page
Bently Nevada 330171 00 30 10 02 BR	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330171 00 30 10 02 BR page
Bently Nevada 135826 01	Related Bently Nevada machinery-monitoring product	View Bently Nevada 135826 01 page
Bently Nevada 330904 00 10 50 02 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330904 00 10 50 02 05 page
Bently Nevada 330104 00 06 90 02 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330104 00 06 90 02 05 page
Bently Nevada 330910 00 06 70 02 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330910 00 06 70 02 05 page

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

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

PRODUCT 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.
- 6 Confirm the documented companion hardware and ordering options for 135489-02 before energizing.
- 7 Restore power in a controlled sequence and review monitor, rack and host diagnostics for 135489-02.
- 8 Complete a controlled functional test and retain the final acceptance record for 135489-02.

ENGINEER FAQ

Q1 What part number is specified for 135489-02?

For 135489-02, the documented part number is 135489-02.

Q2 What termination is specified for 135489-02?

For 135489-02, the documented termination is Internal.

Q3 What barrier configuration is specified for 135489-02?

For 135489-02, the documented barrier configuration is Internal barriers.

Q4 What prox/accel channels is specified for 135489-02?

For 135489-02, the documented prox/accel channels is 2.

Q5 What velomitor channels is specified for 135489-02?

For 135489-02, the documented velomitor channels is 2.

Q6 What compatible monitor families is specified for 135489-02?

For 135489-02, the documented compatible monitor families is 3500/42M and 3500/70M.

Q7 How is 135489-02 used in the documented 3500/42M and 3500/70M monitoring systems?

It is used in the 3500/42M and 3500/70M monitoring systems to provide four protected transducer input channels.

Q8 What must be confirmed during final acceptance of 135489-02?

Confirm the exact ordering identity, documented companion hardware, restored field connections and a controlled functional test of the 3500/42M and 3500/70M monitoring systems before service release.

SOURCE 3500/42M Proximitor Seismic Monitor Datasheet | 143694 Rev. AE

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