

135489-02

3500 internal-barrier I/O module

CONTROLLED ENGINEERING COPY

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

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	135489-02
Manufacturer part	135489-02
Hardware type	135489-02
System family	3500/42M and 3500/70M monitoring systems



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01 PRE-INSTALLATION PLAN

- 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.

MATCHED HARDWARE

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

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
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

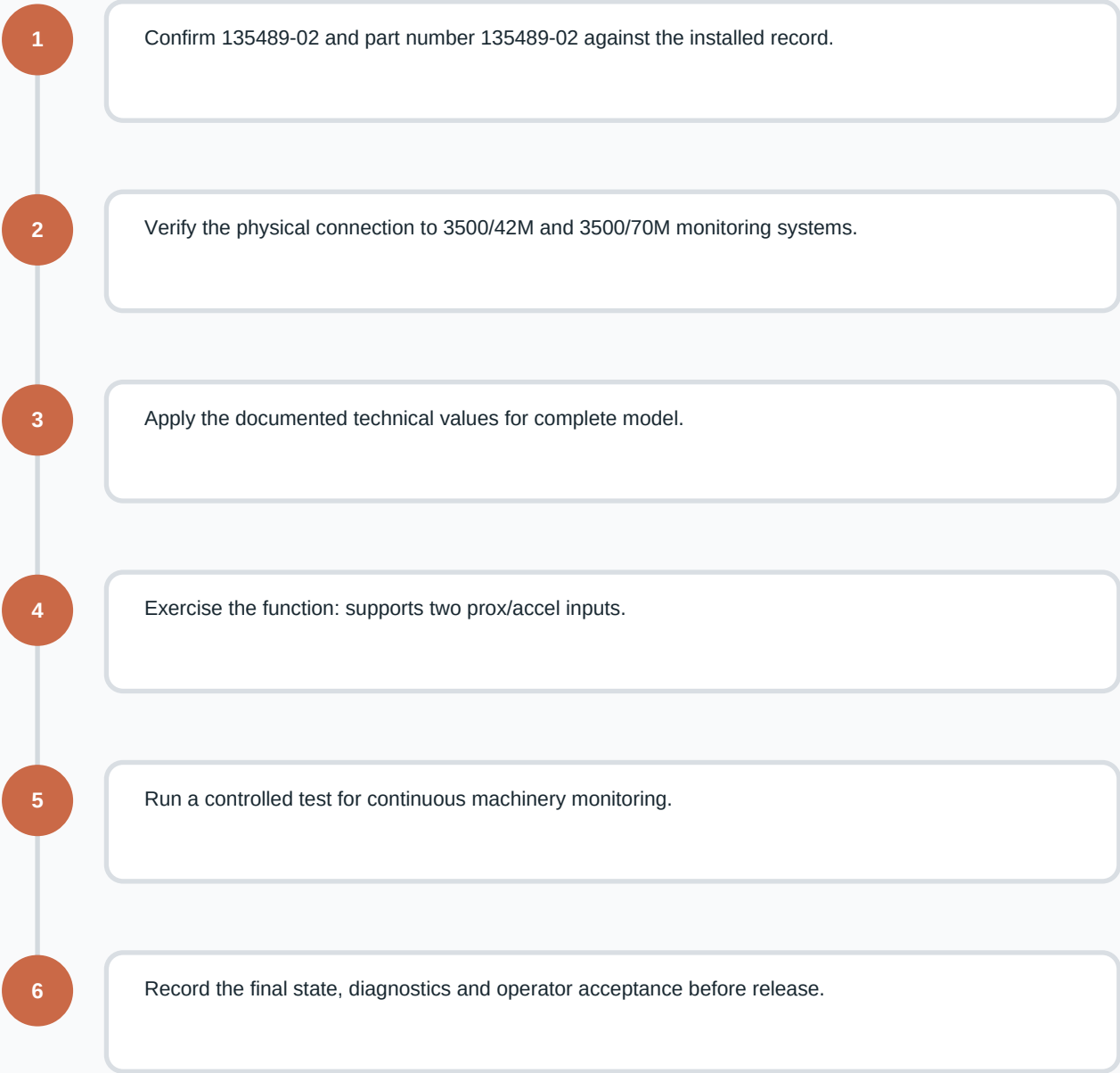
02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED 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

FIELD NOTE

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

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	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

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the documented companion hardware and ordering options for 135489-02 before energizing.
- ☐
- Restore power in a controlled sequence and review monitor, rack and host diagnostics for 135489-02.
- ☐
- Complete a controlled functional test and retain the final acceptance record for 135489-02.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	135489-02
INSTALLED POSITION	Documented 3500/42M and 3500/70M monitoring systems position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 330180 X1 05 MOD 145347 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330180 X1 05 MOD 145347 05 page
Bently Nevada 146054 034 20 02 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 146054 034 20 02 05 page
Bently Nevada 330171 XX XX 10 02 05 MOD 142824 100	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330171 XX XX 10 02 05 MOD 142824 100 page
Bently Nevada 330877 80 36 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330877 80 36 00 page
Bently Nevada 330878 X0 00 MOD 177889 01	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330878 X0 00 MOD 177889 01 page
Bently Nevada 330851 04 00 27 10 01 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330851 04 00 27 10 01 00 page
Bently Nevada 84508 30	Related Bently Nevada machinery-monitoring product	View Bently Nevada 84508 30 page
Bently Nevada 330876 01 10 00 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330876 01 10 00 00 page

SOURCE IDENTIFIERS

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

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