

3500/40M

Proximitior Monitor

CONTROLLED ENGINEERING COPY

Preserve every channel type, transducer selection, full-scale range, alert and danger setpoint before replacing 3500/40M.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	3500/40M
Manufacturer part	3500/40M
Hardware type	four-channel Proximitior Monitor
System family	Bently Nevada 3500 System



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01 PRE-INSTALLATION PLAN

- 1

Verify the complete 3500/40M marking and its assigned Bently Nevada 3500 System position before work.
- 2

Place the connected radial vibration protection process in the approved maintenance state.
- 3

Isolate every documented power, signal and stored-energy source before disconnecting conductors or cables.
- 4

Record the installed slot, connectors, conductors, addressing, firmware and software configuration before removal.
- 5

Use ESD-safe handling and protect keyed electrical, fiber or sensor interfaces as applicable.

MATCHED HARDWARE

- Bently Nevada 3500 System
- the documented companion module
- approved field wiring
- the controlled rack configuration

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	3500/40M / 3500/40M recorded
Physical interface	Bently Nevada 3500 System
Companion check	the documented companion module
Functional proof	Accepts up to four proximity inputs
Application test	Radial vibration protection

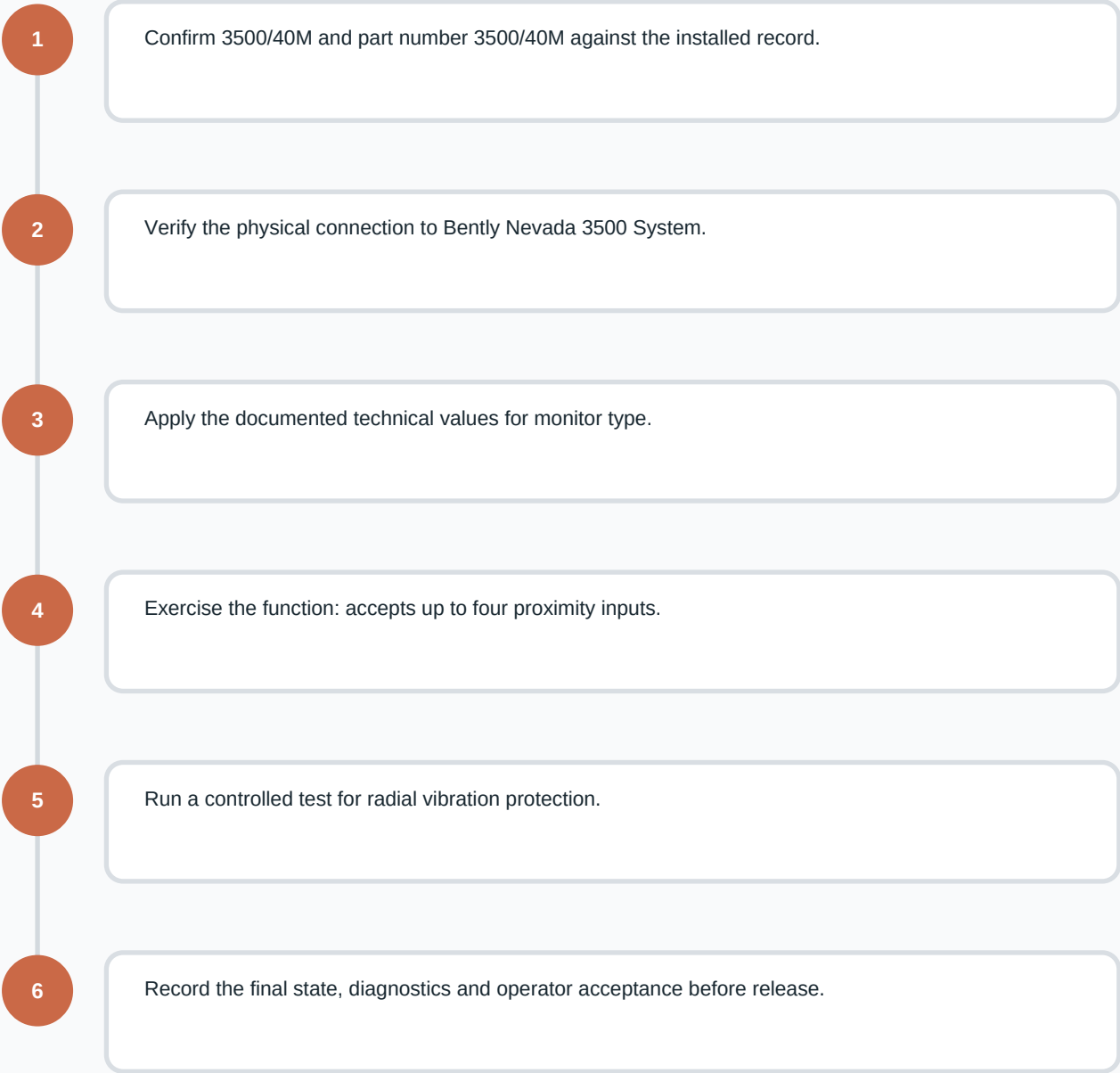
02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
monitor type	four-channel Proximitor Monitor
input capacity	one to four proximity-transducer signals
typical power consumption	7.7 W
transducer supply	-24 V DC
buffered output impedance	550 ohm
buffered outputs	one short-circuit-protected coaxial output per channel
measurement functions	radial vibration, thrust position, eccentricity, differential expansion and REBAM
configuration platform	3500 Rack Configuration Software
alarm function	programmable alert and danger setpoints

FIELD NOTE

Preserve every channel type, transducer selection, full-scale range, alert and danger setpoint before replacing 3500/40M.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	3500/40M / 3500/40M recorded
Physical interface	Bently Nevada 3500 System
Companion check	the documented companion module
Functional proof	Accepts up to four proximity inputs
Application test	Radial vibration protection

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the installed Bently Nevada 3500 System and the documented companion module against the approved project.
- ☐
- Restore power in a controlled sequence and review device, network and host diagnostics.
- ☐
- Prove the intended thrust position monitoring function and retain the final acceptance result.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	3500/40M
INSTALLED POSITION	Documented Bently Nevada 3500 System 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
Siemens A5E00297628	Related industrial automation product	View Siemens A5E00297628 page
Siemens A5E03915589	Related industrial automation product	View Siemens A5E03915589 page
Siemens A5E36228241	Related industrial automation product	View Siemens A5E36228241 page
Siemens A5E00282044	Related industrial automation product	View Siemens A5E00282044 page
Bently Nevada 330901 00 90 10 02 05 953416	Related industrial automation product	View Bently Nevada 330901 00 90 10 02 05 953416 page
Bently Nevada 330330 080 01 00	Related industrial automation product	View Bently Nevada 330330 080 01 00 page
Bently Nevada 330330 070 00 00	Related industrial automation product	View Bently Nevada 330330 070 00 00 page
Bently Nevada 330854 080 05	Related industrial automation product	View Bently Nevada 330854 080 05 page

SOURCE IDENTIFIERS

3500/40M Proximitor Monitor Datasheet
141535 Rev. P

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