

3500/94 145988-01

3500/94 legacy VGA display module

CONTROLLED ENGINEERING COPY

Verify 3500/94 145988-01, the display-system assembly role, rack communications cable, VGA output, touch-controller link and configured display database before replacement; test OK and COMM indications after restart.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	3500/94 145988-01
Manufacturer part	3500/94 145988-01
Hardware type	3500/94 145988-01
System family	3500 VGA display system
HS code	8537101190



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01 PRE-INSTALLATION PLAN

- 1

Verify the complete 3500/94 145988-01 marking and its assigned 3500 VGA display system position before work.
- 2

Place the connected local rack status display process in the approved maintenance state.
- 3

Isolate applicable power and high-speed rack data to vga display and rs-232 touch controller field energy before disconnecting conductors.
- 4

Record connector, conductor, address, firmware and software identities before removal.
- 5

Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies.

MATCHED HARDWARE

- 3500 monitoring rack
- compatible VGA display
- RS-232 touch controller
- approved display and configuration cabling

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	3500/94 145988-01 / 3500/94 145988-01 recorded
Physical interface	3500 monitoring rack
Companion check	compatible VGA display
Functional proof	Uses high-speed rack data
Application test	Local rack status display

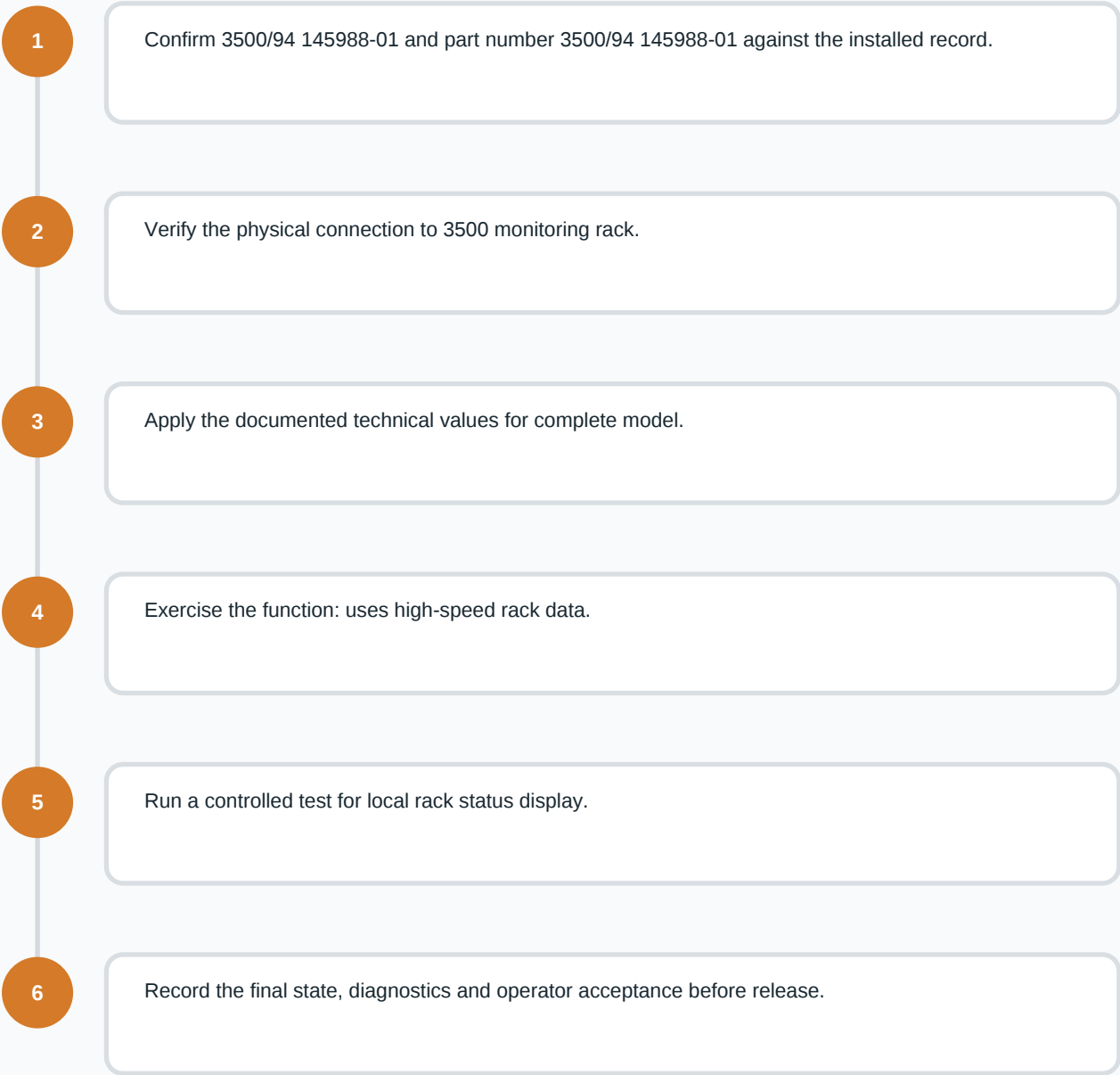
02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Complete model	3500/94 145988-01
Assembly	145988-01
Rack data interface	High-speed 3500 serial data
Display output	VGA
Touch-controller interface	RS-232
Status indicators	OK and COMM LEDs
Power consumption	4.6 W maximum
Operating temperature	-30 to +65 degC
Storage temperature	-40 to +85 degC
Humidity	95%, noncondensing

FIELD NOTE

Verify 3500/94 145988-01, the display-system assembly role, rack communications cable, VGA output, touch-controller link and configured display database before replacement; test OK and COMM indications after restart.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	3500/94 145988-01 / 3500/94 145988-01 recorded
Physical interface	3500 monitoring rack
Companion check	compatible VGA display
Functional proof	Uses high-speed rack data
Application test	Local rack status display

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the installed 3500 monitoring rack and compatible VGA display against the approved project.

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VERIFICATION RECORD

PRODUCT IDENTITY	3500/94 145988-01
INSTALLED POSITION	Documented 3500 VGA display 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
Bently Nevada 330173 00 04 20 12 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330173 00 04 20 12 05 page
Bently Nevada 330130 030 12 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330130 030 12 05 page
Bently Nevada 32000 29 05 04 090 07 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 32000 29 05 04 090 07 02 page
Bently Nevada 32000 30 10 00 095 02 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 32000 30 10 00 095 02 02 page
Bently Nevada 32000 30 05 10 088 07 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 32000 30 05 10 088 07 02 page
Bently Nevada 16925 70	Related Bently Nevada machinery-monitoring product	View Bently Nevada 16925 70 page
Bently Nevada 330905 00 18 05 02 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330905 00 18 05 02 00 page
Bently Nevada 330102 10 40 10 02 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330102 10 40 10 02 00 page

SOURCE IDENTIFIERS

Bently Nevada 3500/94M VGA Display Monitor Datasheet
122M3217 Rev. N

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