

12822901

Prox Seismic Module

CONTROLLED ENGINEERING COPY

The supplied model omits the hyphen used by the official part number. Confirm 128229-01 on the nameplate, preserve every transducer selection and terminal, and verify the required 3500 software compatibility.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	12822901
Manufacturer part	12822901
Hardware type	128229-01
System family	3500/42M Proximitor Seismic Monitor



APTER POWER SALES TEAM

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



01 PRE-INSTALLATION PLAN

- 1

Verify the complete 12822901 marking and its assigned 3500/42M Proximitor Seismic Monitor position before work.
- 2

Place the connected seismic vibration input process in the approved maintenance state.
- 3

Isolate the documented power, signal and stored-energy sources before disconnecting the transducer or module.
- 4

Record every connector, cable route, shield, polarity, channel assignment and host configuration before removal.
- 5

Use ESD-safe handling and protect coaxial, terminal and keyed interfaces from contamination or mechanical damage.

MATCHED HARDWARE

- 3500/42M monitor module
- documented Seismoprobe or approved alternative transducer
- internal field terminations
- configured 3500 rack

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	12822901 / 12822901 recorded
Physical interface	3500/42M monitor module
Companion check	documented Seismoprobe or approved alternative transducer
Functional proof	Provides internal Prox/Seismic terminations
Application test	Seismic vibration input



02 WIRING & INTERFACE CHECKS

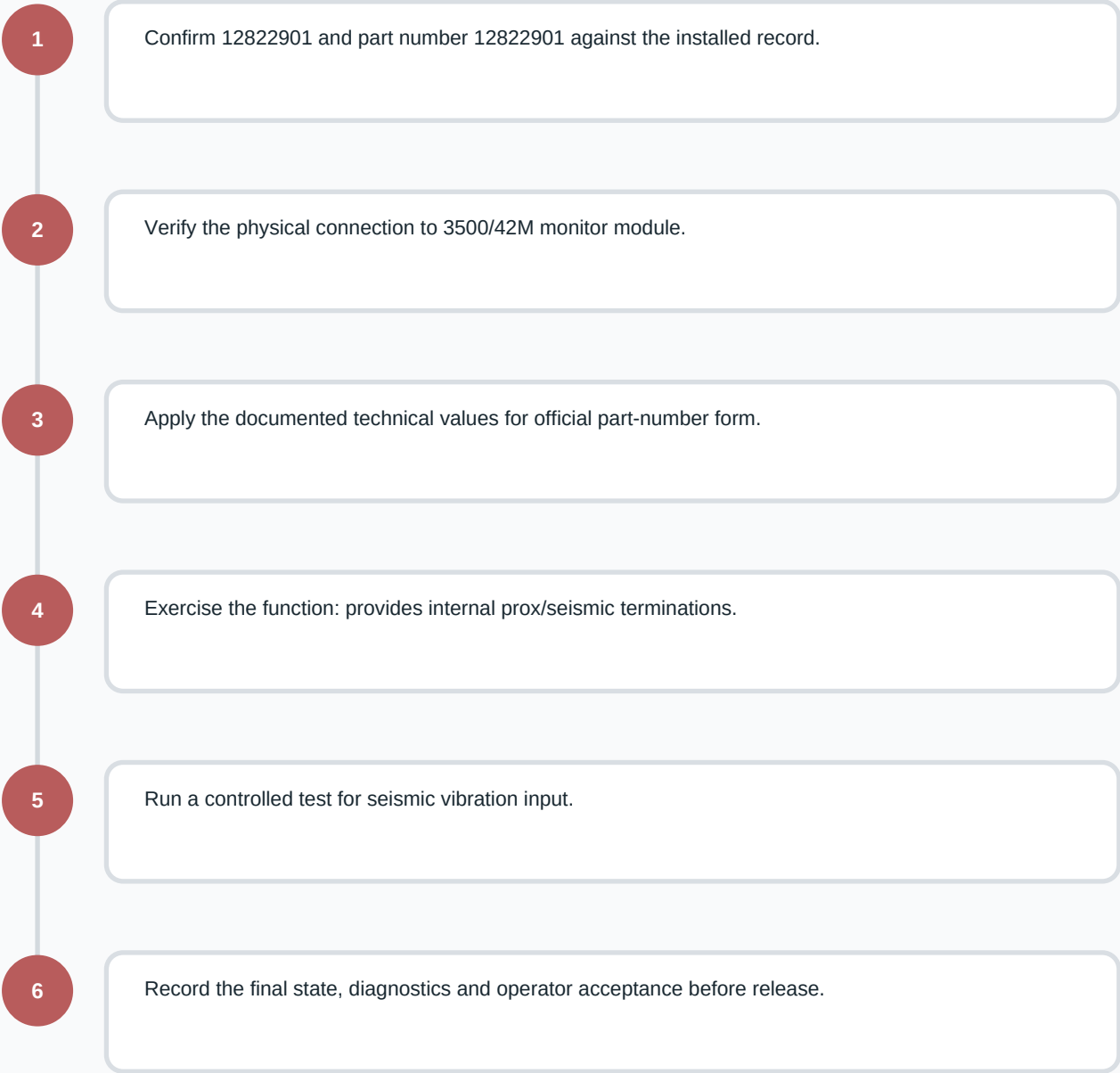
CHECK ITEM	REQUIRED VALUE
official part-number form	128229-01
module role	Prox/Seismic I/O Module
termination	internal terminations
primary supported transducer	Seismoprobe
other supported inputs	Prox/Accel and Velomitor; not recommended as primary choices
Seismoprobe supply	6.82 V, 2.75 mA, 0.02 W
Prox/Accel supply	23.9 V, 45.5 mA, 1.09 W
Velomitor supply	23.9 V, 45.5 mA, 1.09 W
rack position	one full-height rear slot
operating temperature	-30 to +65 degC
storage temperature	-40 to +85 degC
humidity	95% noncondensing

FIELD NOTE

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03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	12822901 / 12822901 recorded
Physical interface	3500/42M monitor module
Companion check	documented Seismoprobe or approved alternative transducer
Functional proof	Provides internal Prox/Seismic terminations
Application test	Seismic vibration input



04 RETURN-TO-SERVICE RECORD

- ☐ Confirm the installed 3500/42M monitor module and documented Seismoprobe or approved alternative transducer against the approved project record.
- ☐ Restore power in a controlled sequence and review transducer, monitor and host diagnostics.
- ☐ Prove the intended internal field termination function and retain the final controlled acceptance result.
- ☐ Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	12822901
INSTALLED POSITION	Documented 3500/42M Proximitor Seismic Monitor position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED BENTLY NEVADA PRODUCTS ON APTER POWER

BRAND + MODEL	RELATED PRODUCT	APTER POWER LINK
Bently Nevada 330171 00 12 50 01 05	Bently Nevada monitoring product	Open Bently Nevada page
ABB NTAC 02	Bently Nevada monitoring product	Open Bently Nevada page
ABB NISA 03	Bently Nevada monitoring product	Open Bently Nevada page
ABB NAOM01	Bently Nevada monitoring product	Open Bently Nevada page
ABB MZ03	Bently Nevada monitoring product	Open Bently Nevada page
ABB MPRC 086349 002	Bently Nevada monitoring product	Open Bently Nevada page
ABB MM21	Bently Nevada monitoring product	Open Bently Nevada page
ABB MB510 3BSE002540R1	Bently Nevada monitoring product	Open Bently Nevada page
ABB MB21	Bently Nevada monitoring product	Open Bently Nevada page
Ics Triplex MAI32MAD	Bently Nevada monitoring product	Open Bently Nevada page

SOURCE IDENTIFIERS

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

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