

APTER POWER FIELD WORKBOOK

INSTALLATION | APPLICATION | VERIFICATION

991-01-XX-01-05 MOD:284318-01

991 two-wire thrust transmitter

CONTROLLED ENGINEERING COPY

Retain suffix 05 and MOD 284318-01 exactly; match the installed NSv system, loop wiring and configured thrust range before replacement.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	991-01-XX-01-05 MOD:284318-01
Manufacturer part	991-01-XX-01-05 MOD:284318-01
Hardware type	991-01-XX-01-05 MOD:284318-01
System family	991 thrust transmitter system



APTER POWER SALES TEAM

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01 PRE-INSTALLATION PLAN

- 1

Verify the complete 991-01-XX-01-05 MOD:284318-01 marking and the assigned 991 thrust transmitter system position before work.
- 2

Place the connected machinery and monitoring channel in the approved maintenance state before handling 991-01-XX-01-05 MOD:284318-01.
- 3

Isolate every documented supply and field circuit before disconnecting 991-01-XX-01-05 MOD:284318-01.
- 4

Record the installed connectors, conductors, cable routing and configuration associated with 991-01-XX-01-05 MOD:284318-01.
- 5

Use ESD controls and protect exposed connectors, cable ends and keyed interfaces while handling 991-01-XX-01-05 MOD:284318-01.

MATCHED HARDWARE

- 991 thrust transmitter system
- documented companion hardware
- approved field wiring or cabling
- monitoring-system configuration record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	991-01-XX-01-05 MOD:284318-01 / 991-01-XX-01-05 MOD:284318-01 recorded
Physical interface	991 thrust transmitter system
Companion check	documented companion hardware
Functional proof	Provides a two-wire 4 to 20 mA thrust output
Application test	Continuous machinery monitoring

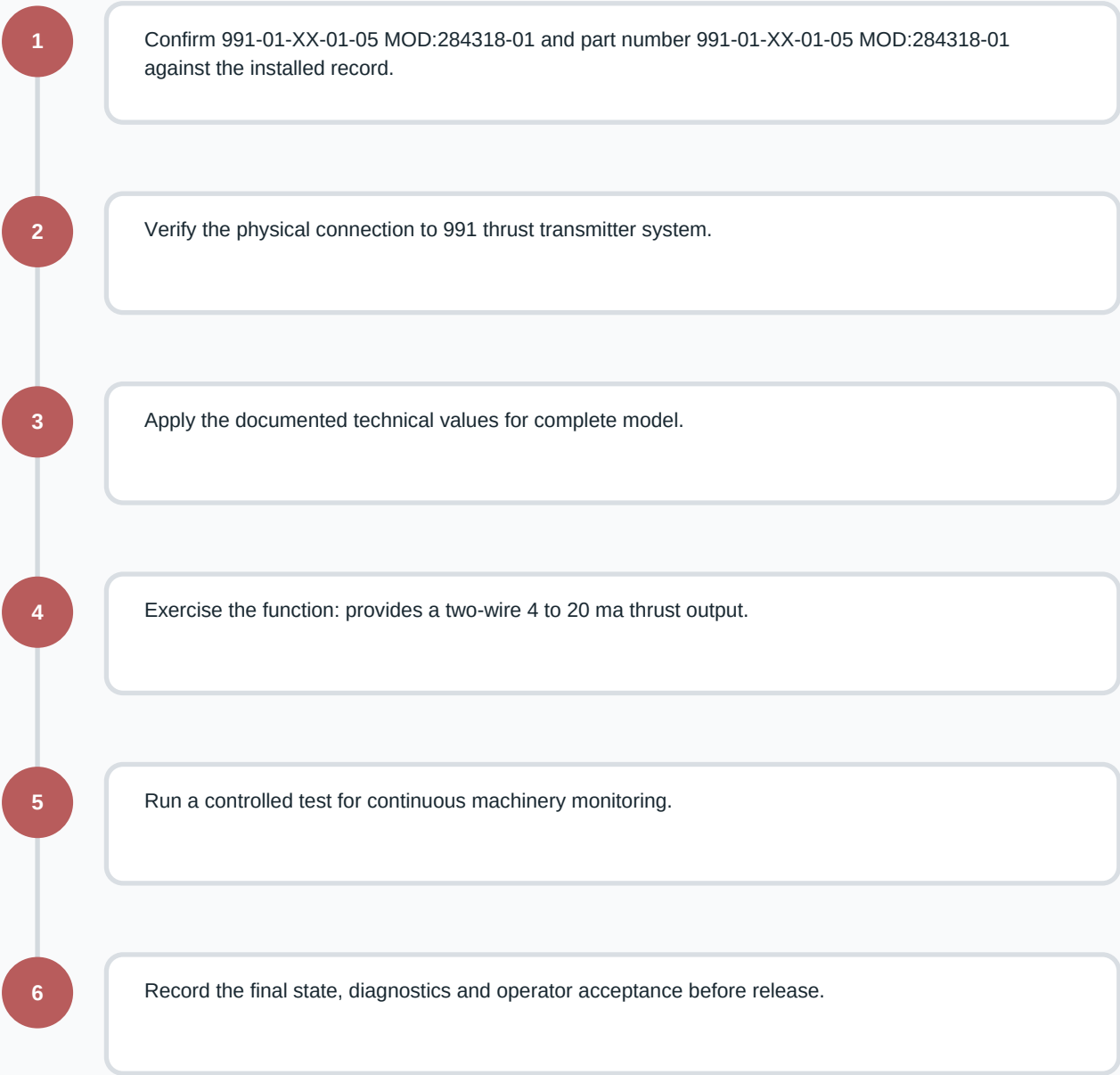
02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Complete model	991-01-XX-01-05 MOD:284318-01
Manufacturer	Bently Nevada
Product family	991 thrust transmitter system
Full-scale option	01; verify modified range documentation
System-length code	XX; modified configuration
Mounting	35 mm DIN rail clips
Agency approval	Multiple approvals
MOD identity	284318-01
Supply	+12 to +35 V DC
Process output	4 to 20 mA
Input system	3300 NSv proximity transducer system
Loop accuracy	+/-1.5%
Buffered output	BNC Prox Out

FIELD NOTE

Retain suffix 05 and MOD 284318-01 exactly; match the installed NSv system, loop wiring and configured thrust range before replacement.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	991-01-XX-01-05 MOD:284318-01 / 991-01-XX-01-05 MOD:284318-01 recorded
Physical interface	991 thrust transmitter system
Companion check	documented companion hardware
Functional proof	Provides a two-wire 4 to 20 mA thrust output
Application test	Continuous machinery monitoring

04 RETURN-TO-SERVICE RECORD

- ☐ Confirm the documented companion hardware and ordering options for 991-01-XX-01-05 MOD:284318-01 before energizing.
- ☐ Restore power in a controlled sequence and review monitor, rack and host diagnostics for 991-01-XX-01-05 MOD:284318-01.
- ☐ Complete a controlled functional test and retain the final acceptance record for 991-01-XX-01-05 MOD:284318-01.
- ☐ Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	991-01-XX-01-05 MOD:284318-01
INSTALLED POSITION	Documented 991 thrust transmitter 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 1900 65A 167699 02 034712	Related Bently Nevada machinery-monitoring product	View Bently Nevada 1900 65A 167699 02 034712 page
Bently Nevada CB2W100 112	Related Bently Nevada machinery-monitoring product	View Bently Nevada CB2W100 112 page
Bently Nevada 27465 01	Related Bently Nevada machinery-monitoring product	View Bently Nevada 27465 01 page
Bently Nevada 84661 18	Related Bently Nevada machinery-monitoring product	View Bently Nevada 84661 18 page
Bently Nevada 16710 18	Related Bently Nevada machinery-monitoring product	View Bently Nevada 16710 18 page
Bently Nevada 86691 00680 350 10	Related Bently Nevada machinery-monitoring product	View Bently Nevada 86691 00680 350 10 page
Bently Nevada 21000 28 05 40 026 04 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 21000 28 05 40 026 04 02 page
Bently Nevada 330186 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330186 02 page

SOURCE IDENTIFIERS

991 Thrust Transmitter Datasheet
141618 Rev. R

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