

991-01-XX-01-00 MOD:284318-01

Thrust Transmitter

INSTALLATION | CONNECTION | COMMISSIONING | ACCEPTANCE

CONTROLLED WORK SEQUENCE

1

VERIFY

2

ISOLATE

3

CONNECT

4

TEST

The supplied 01 range code; legacy/custom boundary and XX codes are not fully decoded by the current standard table. Verify 991-01-XX-01-00 MOD:284318-01, MOD:284318-01, the matched NSv system length, mechanical zero and loop scaling before service.

CONTROLLED PREREQUISITES

Exact identity

Verify 991-01-XX-01-00 MOD:284318-01 against the nameplate and controlled record.

Approved system

Confirm the documented 991 thrust transmitter and 3300 NSv transducer system position and interfaces.

Evidence

Use 141618 Rev. R for the published technical and installation boundary.

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 3300-35-12-02-01-00-00	OPEN
02	Bently Nevada 3500-54M-286566-01	OPEN
03	Bently Nevada 21000-28-05-00-031-01-02	OPEN
04	Bently Nevada 21000-16-05-00-075-00-02	OPEN

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991-01-XX-01-00 MOD:284318-01

Exact-model technical record

Complete model	991-01-XX-01-00 MOD:284318-01	Approval option	None
Manufacturer	Bently Nevada	Supply voltage	+12 to +35 V DC
Product family	991 thrust transmitter and 3300 NSv transducer	Process output	4 to 20 mA axial displacement
Transmitter type	2-wire, loop powered	Loop accuracy	+/-1.5%
Modification identity	284318-01	Maximum load	1,000 ohm at 35 V DC
Supplied range code	01 range code; legacy/custom boundary	Current limit	23 mA typical
System-length code	XX; verify installed 3300 NSv system	Not OK current	Below 3.6 mA
Mounting option	35 mm DIN clips	Buffered output	Non-isolated Prox Out

OFFICIAL SOURCE COVERAGE

Source 1	991 Thrust Transmitter Datasheet — Ordering Information, 141618 Rev. R
Source 2	991 Thrust Transmitter Datasheet — Specifications, 141618 Rev. R
Source 3	991 Thrust Transmitter Datasheet — Description and ordering notes, 141618 Rev. R

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Installation and connection sequence

STEP 1

Verify 991-01-XX-01-00 MOD:284318-01 and MOD:284318-01 against the installed record.

STEP 2

Record the NSv probe, cable and Proximitior Sensor identities.

STEP 3

Place the thrust channel in the approved maintenance state.

STEP 4

Isolate loop power and confirm polarity before wiring work.

STEP 5

Preserve the 35 mm DIN mounting and grounding arrangement.

STEP 6

Verify the actual installed system length rather than interpreting XX.

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 3300-35-12-02-01-00-00	OPEN
02	Bently Nevada 3500-54M-286566-01	OPEN
03	Bently Nevada 21000-28-05-00-031-01-02	OPEN
04	Bently Nevada 21000-16-05-00-075-00-02	OPEN

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Commissioning and acceptance

CHECK 1

Set zero and span only against the documented mechanical reference.

CHECK 2

Prove 4–20 mA scaling, Prox Out signal and Not OK behavior before release.

CHECK 3

The supplied 01 range code; legacy/custom boundary and XX codes are not fully decoded by the current standard table. Verify 991-01-XX-01-00

CHECK 4

Retain the final 991-01-XX-01-00 MOD:284318-01 identity, wiring, diagnostic and acceptance record.

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 21000-16-05-00-090-04-02	OPEN
02	Bently Nevada 21000-28-05-00-021-03-02	OPEN
03	Bently Nevada 21000-28-05-15-050-03-02	OPEN
04	Bently Nevada 330878-51-05	OPEN
05	Bently Nevada 330130-085-11-05	OPEN
06	Bently Nevada 330104-00-06-10-01-05	OPEN

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Acceptance reference and related products

Identity	Complete model 991-01-XX-01-00 MOD:284318-01 verified
Installed system	991 thrust transmitter and 3300 NSv transducer system
Connections	Power, polarity, shielding, address or slot record completed
Controlled test	Diagnostics and intended process response accepted

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 330880-28-00-035-01-02	OPEN
02	Bently Nevada 330880-28-15-063-00-02	OPEN
03	Bently Nevada 330881-28-00-060-00-02	OPEN
04	Bently Nevada 21000-28-05-00-077-03-02	OPEN
05	Bently Nevada 21000-28-05-00-052-03-02	OPEN
06	Bently Nevada 21000-28-05-00-050-03-02	OPEN
07	Bently Nevada 9571-99	OPEN
08	Bently Nevada 330103-00-18-10-02-00	OPEN

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