

Installation Identity and Scope

Bently Nevada 991-01-XX-01-01 MOD:284318-01 is a loop-powered 991 thrust transmitter that converts a compatible NSv proximity input to a proportional 4 to 20 mA axial-displacement signal. Its 01, XX and MOD blocks remain nameplate-controlled.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	991-01-XX-01-01 MOD:284318-01
Manufacturer	Bently Nevada
Hardware type	991 Thrust Transmitter
System family	Industrial automation
Official source	Baker Hughes / Bently Nevada publication 141618 Rev. R

CONTROLLED ENGINEERING COPY

Publication 141618 defines the 991 family, DIN mounting, CSA Division 2 option and output behavior but does not decode the supplied leading 01, XX or MOD 284318-01. Preserve the full identity and verify the installed NSv chain before substitution.

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991-01-XX-01-01 MOD:28431...

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete 991-01-XX-01-01 MOD:284318-01 marking.
2	Retain the leading 01 and XX blocks without interpretation.
3	Retain MOD 284318-01 without interpretation.
4	Use only a compatible NSv probe system.
5	Confirm loop polarity before energizing.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	991-01-XX-01-01 MOD:284318-01
Physical interface	Exact Bently Nevada 991-01-XX-01-01 MOD:284318-01 nameplate and installed revision
Companion check	Documented 991 Thrust Transmitter system position and companion hardware
Configuration	Labeled field, power, communication and grounding connections
Functional proof	Saved configuration plus a controlled functional-test record

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 330101-01-50-10-02-05	View Bently Nevada 330101-01-50-10-02-05
Bently Nevada 330101-02-12-10-02-00	View Bently Nevada 330101-02-12-10-02-00
Bently Nevada 330101-02-70-10-11-05	View Bently Nevada 330101-02-70-10-11-05
Bently Nevada 330101-04-28-10-02-00	View Bently Nevada 330101-04-28-10-02-00
Bently Nevada 330101-04-30-05-01-05	View Bently Nevada 330101-04-30-05-01-05

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record Bently Nevada 991-01-XX-01-01 MOD:284318-01 and the installed revision exactly.
Complete model	Verify the documented value: 991-01-XX-01-01 MOD:284318-01.
Transmitter family	Verify the documented value: 991 thrust transmitter.
Connections	Label every installed interface, common, shield and protective-ground connection.
Configuration	Back up and restore the model-specific settings, mappings and approved limits.
Functional proof	Test the complete 991 Thrust Transmitter function under a controlled maintenance state.

CONFIGURATION BOUNDARY

Publication 141618 defines the 991 family, DIN mounting, CSA Division 2 option and output behavior but does not decode the supplied leading 01, XX or MOD 284318-01. Preserve the full identity and verify the installed NSv chain before substitution.

Expected Technical Values

PARAMETER	VALUE
Complete model	991-01-XX-01-01 MOD:284318-01
Transmitter family	991 thrust transmitter
Input	Compatible NSv proximity transducer system
Primary output	4 to 20 mA proportional axial displacement

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 330101-05-30-10-02-00	View Bently Nevada 330101-05-30-10-02-00
Bently Nevada 330101-08-20-10-02-00	View Bently Nevada 330101-08-20-10-02-00

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	The complete 991-01-XX-01-01 MOD:284318-01 marking and revision agree with the engineering record.
Compatibility	System position, companion hardware and interfaces match the manufacturer documentation.
Configuration	Saved values, channel mappings and protection limits are restored without unexplained change.
Functional proof	Diagnostics and the model-specific controlled test pass without unexplained fault.

Model-Specific Questions

QUESTION	ENGINEERING ANSWER
What is Bently Nevada 991-01-XX-01-01 MOD:284318-01?	It is a two-wire, loop-powered 991 thrust transmitter with an integrated NSv Proximity interface.
How should the 01 range block be handled for Bently Nevada 991-01-XX-01-01 MOD:284318-01?	Retain the supplied 01 block; the current public standard table lists different range codes and does not decode 01.
How should XX be handled for Bently Nevada 991-01-XX-01-01 MOD:284318-01?	Retain XX exactly and resolve the system configuration from the physical nameplate and controlled order record.
Which mounting option applies to Bently Nevada 991-01-XX-01-01 MOD:284318-01?	The later 01 block specifies DIN-rail mounting clips in the standard ordering table.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 330101-08-20-10-02-05	View Bently Nevada 330101-08-20-10-02-05
Bently Nevada 330101-10-44-05-02-05	View Bently Nevada 330101-10-44-05-02-05
Bently Nevada 330101-12-28-10-02-00	View Bently Nevada 330101-12-28-10-02-00
Bently Nevada 330101-14-30-10-02-05	View Bently Nevada 330101-14-30-10-02-05
Bently Nevada 330101-15-27-05-02-05	View Bently Nevada 330101-15-27-05-02-05

FAQ, Source and Controlled Release

QUESTION	ENGINEERING ANSWER
Which approval applies to Bently Nevada 991-01-XX-01-01 MOD:284318-01?	The final 01 block identifies the CSA Division 2 approval option in the standard table.
What output does Bently Nevada 991-01-XX-01-01 MOD:284318-01 provide?	It provides a proportional 4 to 20 mA axial-displacement signal plus dynamic and gap outputs.
How should MOD 284318-01 be handled on Bently Nevada 991-01-XX-01-01 MOD:284318-01?	Publication 141618 does not decode this MOD, so retain it as a controlled nameplate identity.
What confirms commissioning of Bently Nevada 991-01-XX-01-01 MOD:284318-01?	Verify the complete marking, NSv input, loop power, zero and span, dynamic and gap outputs, power-up inhibit and final channel response.

MANUFACTURER SOURCE RECORDS

Bently Nevada 991 Thrust Transmitter Datasheet - Baker Hughes / Bently Nevada publication 141618 Rev. R

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	991-01-XX-01-01 MOD:284318-01 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
Functional proof	Controlled test completed without unexplained fault

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