

APTER POWER

COMPLETE PRODUCT INFORMATION

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

991 two-wire thrust transmitter

Axial displacement converted to a 4 to 20 mA loop signal

PRODUCT SNAPSHOT

BRAND

Bently Nevada

FAMILY

991 thrust transmitter system

PART

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

PRODUCT TYPE

991 two-wire thrust transmitter

APTER POWER SALES TEAM

WHATSAPP / PHONE

+86 180 3023 5313

EMAIL

sales13@apterpower.com

WEBSITE

www.apterpower.com



PRODUCT OVERVIEW

Axial displacement converted to a 4 to 20 mA loop signal

1

Provides a two-wire 4 to 20 mA thrust output

2

Accepts a matched NSv transducer system

3

Mounts on 35 mm DIN rail clips

4

Retains MOD 284318-01

SYSTEM COMPONENTS

991 thrust transmitter system

documented companion hardware

approved field wiring or cabling

monitoring-system configuration record

TECHNICAL NOTE

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

TECHNICAL DATA

PARAMETER	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

PARAMETER	VALUE
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

ENGINEERING NOTE

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

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 330185 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330185 02 page
Bently Nevada 31000 26 05 00 040 01 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 31000 26 05 00 040 01 02 page
Bently Nevada 330171 00 12 50 01 CN	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330171 00 12 50 01 CN page
Bently Nevada 330104 00 06 05 01 CN	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330104 00 06 05 01 CN page
Bently Nevada 330905 00 11 05 02 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330905 00 11 05 02 00 page
Bently Nevada 990 08 50 01 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 990 08 50 01 05 page
Bently Nevada 330851 04 000 030 10 00 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330851 04 000 030 10 00 05 page
Bently Nevada 21000 28 05 00 133 04 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 21000 28 05 00 133 04 02 page

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Continuous machinery monitoring

Provides a two-wire 4 to 20 mA thrust output

Alarm integration

Accepts a matched NSv transducer system

Diagnostic review

Mounts on 35 mm DIN rail clips

Documented system renewal

Retains MOD 284318-01

PRODUCT PRECAUTIONS

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

ENGINEER FAQ

Q1 What full-scale option is specified for 991-01-XX-01-05 MOD:284318-01?

For 991-01-XX-01-05 MOD:284318-01, the documented full-scale option is 01; verify modified range documentation.

Q2 What system-length code is specified for 991-01-XX-01-05 MOD:284318-01?

For 991-01-XX-01-05 MOD:284318-01, the documented system-length code is XX; modified configuration.

Q3 What mounting is specified for 991-01-XX-01-05 MOD:284318-01?

For 991-01-XX-01-05 MOD:284318-01, the documented mounting is 35 mm DIN rail clips.

Q4 What agency approval is specified for 991-01-XX-01-05 MOD:284318-01?

For 991-01-XX-01-05 MOD:284318-01, the documented agency approval is Multiple approvals.

Q5 What mod identity is specified for 991-01-XX-01-05 MOD:284318-01?

For 991-01-XX-01-05 MOD:284318-01, the documented mod identity is 284318-01.

Q6 What supply is specified for 991-01-XX-01-05 MOD:284318-01?

For 991-01-XX-01-05 MOD:284318-01, the documented supply is +12 to +35 V DC.

Q7 How is 991-01-XX-01-05 MOD:284318-01 used in the documented 991 thrust transmitter system?

It is used in the 991 thrust transmitter system to provide axial displacement converted to a 4 to 20 ma loop signal.

Q8 What must be confirmed during final acceptance of 991-01-XX-01-05 MOD:284318-01?

Confirm the exact ordering identity, documented companion hardware, restored field connections and a controlled functional test of the 991 thrust transmitter system before service release.

SOURCE 991 Thrust Transmitter Datasheet | 141618 Rev. R

+86 180 3023 5313 | sales13@apterpower.com | www.apterpower.com