

330750-60-CN

330750 High Temperature Velomitor System, 6 m

CONTROLLED ENGINEERING COPY

Bently Nevada 330750-60-CN identifies a 330750 high-temperature Velomitor system with code 60 for a 6 m integral hardline cable. The CN suffix must be confirmed from the supplied item marking because the current public ordering table lists approval codes 00 and 05.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	330750-60-CN
Manufacturer	Bently Nevada
System family	Bently Nevada 330750 High Temperature Velomitor System
HS code	8537101190
Shipping origin	Xiamen,Fujian,China



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01 PRE-INSTALLATION PLAN

- 1

Confirm the complete 330750-60-CN label and supplied approval marking.
- 2

Place the machine and protection channel in the approved maintenance state.
- 3

Isolate the monitor circuit and record bias, polarity, alarm settings and baseline response.
- 4

Confirm the 330750 four-hole flange, 6 m integral cable and electronics location.
- 5

Protect the hardline cable and maintain at least the 51 mm minimum bend radius.

MATCHED HARDWARE

- 330750 four-hole flange sensor head
- 6 m integral hardline cable
- Separated signal-conditioning electronics
- Compatible velocity-monitor input and shielded wiring

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	330750-60-CN recorded
Physical interface	Probe, cable and sensor matched
Functional proof	Static gap and dynamic response

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Product family	330750 High Temperature Velomitor
Length code 60	6 m integral hardline cable
Approval suffix	CN - verify supplied marking
Mounting form	330750 four-hole flange
Sensitivity	5.7 mV/mm/s (145 mV/in/s), +/-5%
Frequency response	15-2000 Hz +/-3 dB; 20-1000 Hz +/-0.9 dB
Amplitude range	635 mm/s peak below 680 Hz
Output bias	-12 +/-2.0 VDC
Grounding	Case isolated
Maximum cable length	305 m with no signal degradation
Sensor and cable temperature	-55 to +400 C
Electronics temperature	-55 to +121 C
Minimum bend radius	51 mm

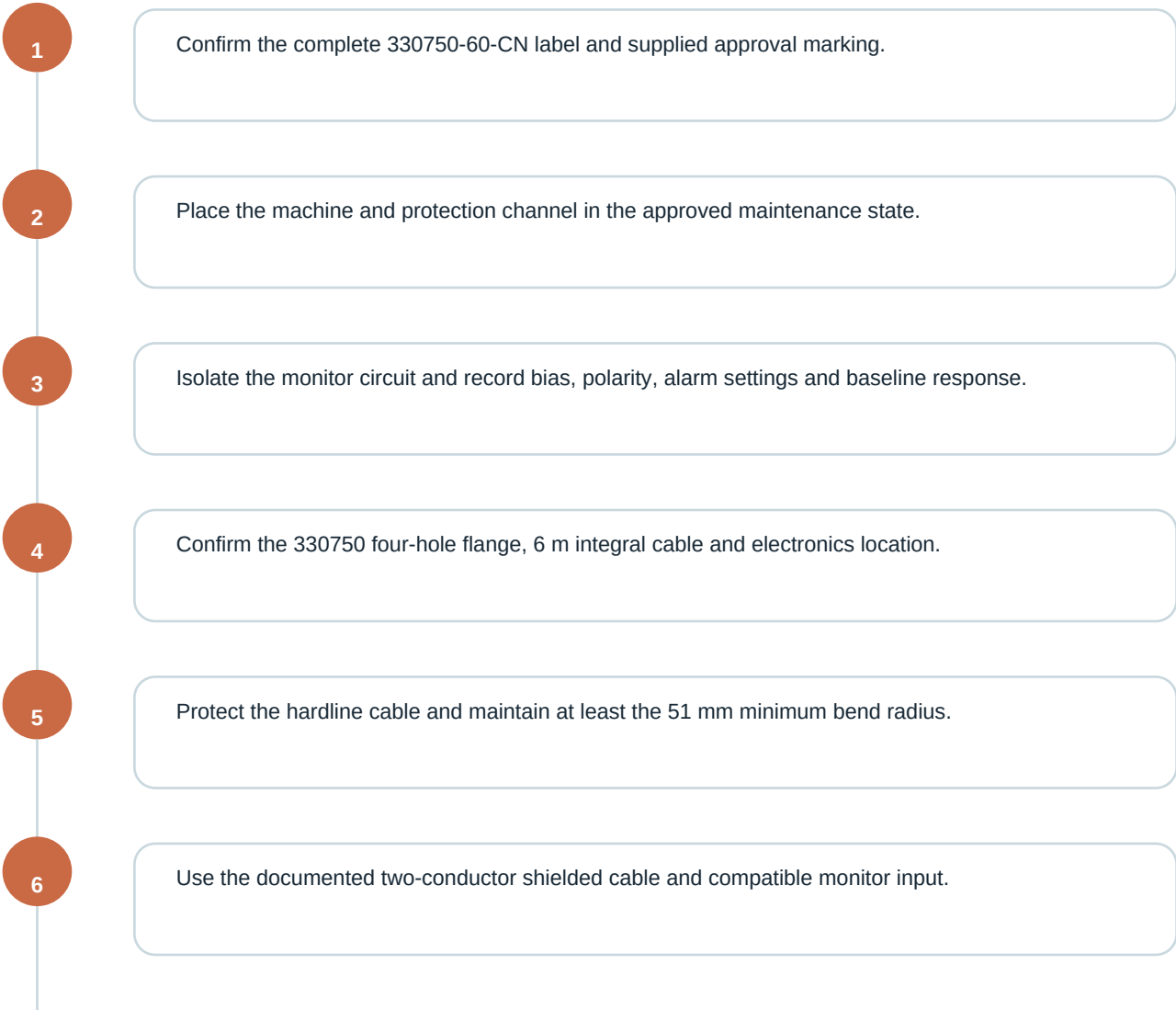
FIELD NOTE

Keep the sensing head/cable and electronics within their separate temperature limits. Route the hardline cable with at least a 51 mm bend radius and confirm CN from the actual label.

RELATED APTER POWER PAGES

- 3500/40M proximity monitor
- 3500/45 position monitor
- 330750/330752 High Temperatu
- 330500 standard Velomitor se
- 3500/42M seismic monitor
- 1900/65A general purpose equ
- 3300 XL 8 mm extension cable
- 3500/25 Keyphasor module

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	330750-60-CN
Physical interface	330750 flange, 6 m cable and monitor input matched
Configuration	Bias, polarity, shielding and alarm settings restored
Functional proof	Controlled velocity response and alarm test recorded

04 RETURN-TO-SERVICE RECORD

- ☐ Protect the hardline cable and maintain at least the 51 mm minimum bend radius.
- ☐ Use the documented two-conductor shielded cable and compatible monitor input.
- ☐ Review live bias and diagnostics after controlled energization.
- ☐ Apply a controlled vibration response and verify alarms before release.

VERIFICATION RECORD

PRODUCT IDENTITY	330750-60-CN
INSTALLED POSITION	Documented four-hole flange machine-casing measurement point
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐ Confirm the exact model remains assigned to the documented host position.
- ☐ Verify every mating interface and field connection against the as-found record.
- ☐ Exercise the intended product function under controlled conditions.
- ☐ Retain the diagnostic and functional-test result before release.

SOURCE IDENTIFIERS

330750 and 330752 High Temperature Velomitor System Datasheet | Bently Nevada publication 141639 Rev. V