

146055-10-02-00

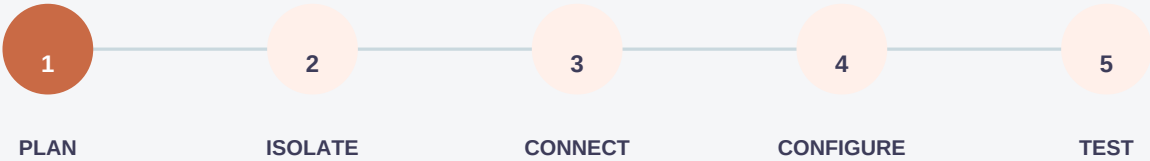
3300 Reverse-Mount Ceramic-Capped Probe

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Bently Nevada 146055-10-02-00 is a reverse-mount ceramic-capped probe with 3/8-24 UNF threads and 1.0 m standard cable. Its sealed front interface is designed for installations exposed to corrosive media at the front of the case.

PRE-INSTALLATION MATCH	DOCUMENTED VALUE
Base model	146055
Mounting	Reverse mount
Mounting thread	3/8-24 UNF
Total probe length	1.0 m
Connector	Miniature coaxial ClickLoc

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	146055-10-02-00
Manufacturer	Bently Nevada
System family	Bently Nevada 3300 Ceramic Capped Probe System
Record scope	Installation, application and verification



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01 PRE-INSTALLATION PLAN

- 1

Confirm the complete 146055-10-02-00 marking, product role and documented installation position.
- 2

Place the machinery protection system and connected process in the approved maintenance state.
- 3

Isolate power and field circuits, prove the safe state and apply ESD controls where required.
- 4

Record every mating component, terminal, connector, shield, cable route and configuration assignment.
- 5

Verify all manufacturer-documented mechanical and electrical values for this exact execution.

MATCHED HARDWARE

- 146055-10-02-00 with complete article identity
- Matched Bently Nevada host or transducer-loop component
- Documented field interfaces and cable route
- Approved configuration, diagnostics and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	146055-10-02-00 recorded
Physical interface	Installed mating components and field interfaces matched to the as-found record
Configuration	Approved rack, channel or transducer-loop configuration restored
Functional proof	Controlled test confirms non-contacting measurement through a front-sealed reverse-mount ceramic probe

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Base model	146055
Mounting	Reverse mount
Mounting thread	3/8-24 UNF
Total probe length	1.0 m
Connector	Miniature coaxial ClickLoc
Cable	Standard FEP-insulated coaxial
Armor	Not available
Connector protector	Not available
Approval option	Not required
Probe tip	Alumina ceramic
Case	AISI 304 stainless steel
Probe cable impedance	75 ohm
1 m probe DC resistance	7.59 +/- 0.50 ohm

RELATED PRODUCT PAGES

1 Bently Nevada
330901-00-14-10-02-00

2 Bently Nevada
330901-00-32-10-02-00

3 Bently Nevada
330909-00-60-10-01-00

4 Bently Nevada
330801-28-00-050-03-02

5 Bently Nevada
330801-28-00-115-03-02

6 Bently Nevada
330908-00-15-10-02-05

7 Bently Nevada
330901-05-55-05-11-05

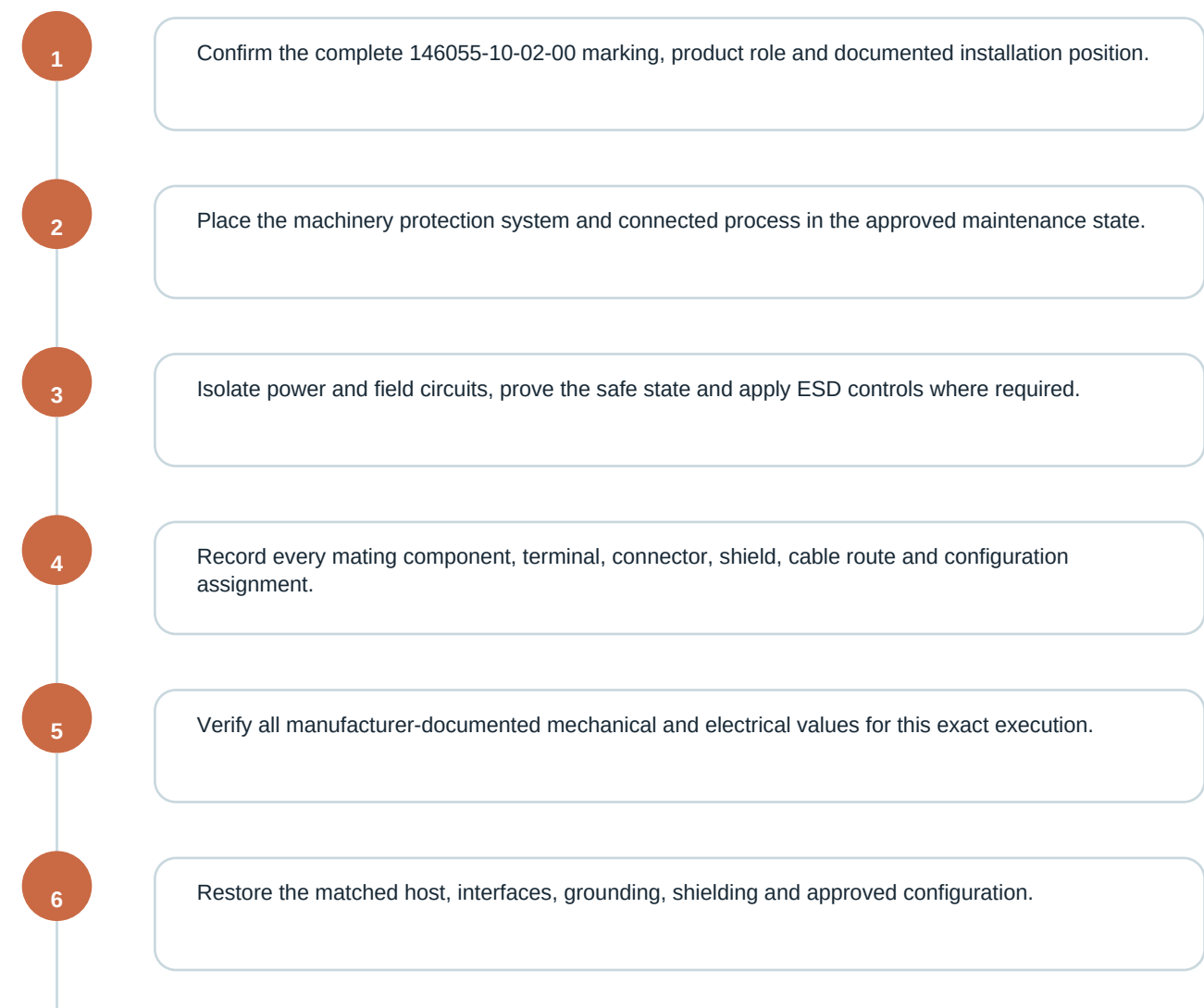
8 Bently Nevada
330104-04-09-50-02-05

9 Bently Nevada
330104-00-10-05-12-05

FIELD NOTE

Confirm 146055-10-02-00, its matched Bently Nevada 3300 Ceramic Capped Probe System host, exact interfaces, installed position, wiring or cable route, grounding, shielding, configuration, diagnostics and controlled acceptance evidence before release.

03 COMMISSIONING WORKFLOW



FINAL MODEL CHECK	DOCUMENTED VALUE
Front seal pressure	34 bar nitrogen
Probe temperature range	-51 to +177 C
Suitable housings	31000 or 21000

COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	146055-10-02-00
Physical interface	Installed mating components and field interfaces matched to the as-found record
Configuration	Approved rack, channel or transducer-loop configuration restored
Functional proof	Controlled test confirms non-contacting measurement through a front-sealed reverse-mount ceramic probe

04 RETURN-TO-SERVICE RECORD

- ☐ Verify all manufacturer-documented mechanical and electrical values for this exact execution.
- ☐ Restore the matched host, interfaces, grounding, shielding and approved configuration.
- ☐ Energize under control and review rack, channel or transducer-loop diagnostics.
- ☐ Complete a controlled functional test of non-contacting measurement through a front-sealed reverse-mount ceramic probe before service release.

VERIFICATION RECORD

PRODUCT IDENTITY	146055-10-02-00
INSTALLED POSITION	Documented Bently Nevada rack or transducer-loop position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐ Verify all manufacturer-documented mechanical and electrical values for this exact execution.
- ☐ Restore the matched host, interfaces, grounding, shielding and approved configuration.
- ☐ Energize under control and review rack, channel or transducer-loop diagnostics.
- ☐ Complete a controlled functional test of non-contacting measurement through a front-sealed reverse-mount ceramic probe before service release.

SOURCE IDENTIFIERS

3300 Ceramic Capped Probe Datasheet 172932 Rev. J | Baker Hughes / Bently Nevada manufacturer datasheet