

BENTLY NEVADA

HI-POTTED 00270143 PX4995

TECHNICAL REFERENCE

Bently Nevada HI-POTTED 00270143 PX4995 is a resin-encapsulated control transformer identified by the 00270143 and PX4995 markings, with PX49950232 appearing as a matching market cross-reference.

COMPONENT	Potted Control Transformer
SYSTEM	machinery-monitoring control-power assembly
EVIDENCE	HI-POTTED 00270143 PX4995; PX49950232 00270143

SELECTED APTER POWER REFERENCES

- 01 Bently Nevada 330103-00-06-05-01-CN
[VIEW Bently Nevada 330103-00-06-05-01-CN](#)
- 02 Bently Nevada 21000-16-05-00-050-04-02
[VIEW Bently Nevada 21000-16-05-00-050-04-02](#)
- 03 Bently Nevada 21000-16-05-00-033-04-02
[VIEW Bently Nevada 21000-16-05-00-033-04-02](#)
- 04 Bently Nevada 24710-080-00
[VIEW Bently Nevada 24710-080-00](#)
- 05 Bently Nevada 330903-03-11-05-02-05
[VIEW Bently Nevada 330903-03-11-05-02-05](#)
- 06 Bently Nevada 330102-00-40-10-01-05
[VIEW Bently Nevada 330102-00-40-10-01-05](#)

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HI-POTTED 00270143...

Exact identity and verified parameters

Complete model	HI-POTTED 00270143 PX4995
Manufacturer	Bently Nevada
Product family	machinery-monitoring control-power assembly
Exact article identity	HI-POTTED 00270143 PX4995
Manufacturer	Bently Nevada
Component type	Potted control transformer
Primary visible marking	00270143
Additional visible marking	PX4995
Cross-reference identity	PX49950232 00270143
Construction	Resin-encapsulated transformer assembly
Service role	Isolated control-power conversion within a monitoring or control assembly
Connection form	Attached wire harnesses and multi-pin connectors are shown on exact-identity listings
Electrical ratings	Verify from the physical nameplate and controlled equipment documentation
Replacement boundary	Match markings, connector arrangement, mounting and measured circuit requirements

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System architecture and signal path

1

the documented incoming
control-power circuit

2

HI-POTTED 00270143 PX4995
transformer assembly

3

the attached harness and multi-pin
connectors

4

the protected downstream monitoring
or control circuit

Engineering roles

- Uses potted construction to enclose the transformer windings
- Carries the visible identifiers 00270143 and PX4995
- Appears in independent catalogues with the PX49950232 cross-reference
- Requires nameplate and installed-circuit verification for all electrical ratings

EVIDENCE BOUNDARY

Verify primary and secondary electrical ratings from the physical nameplate and controlled equipment drawings before installation. Match the harness, connector keying, mounting orientation, bonding and measured circuit requirements before energization.

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Applications and decision controls

Isolated control power

Provides transformer isolation and voltage conversion for the installed control-power circuit.

Potted replacement assembly

Restores the encapsulated transformer and its specific harness arrangement.

Monitoring-system service

Supports the control-power path used by the surrounding Bently Nevada assembly.

Exact-marking renewal

Matches 00270143 and PX4995 while using PX49950232 only as a cross-reference to confirm identity.

Cross-check logic

IDENTITY

Exact markings must agree across the article, record and replacement.

FUNCTION

Only the role supported by mutually consistent evidence is published.

NUMERIC DATA

Conflicting or unsupported ratings remain unpublished.

FIELD ACCEPTANCE

The installed nameplate, drawings and controlled tests decide final suitability.

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Model-specific questions

1

What component type is Bently Nevada HI-POTTED 00270143 PX4995?

It is identified across exact-identity listings as a potted control transformer used in a control-power assembly.

2

Which markings must match on Bently Nevada HI-POTTED 00270143 PX4995?

Retain the complete HI-POTTED description together with 00270143 and PX4995; photograph all markings before removal.

3

How does PX49950232 relate to Bently Nevada HI-POTTED 00270143 PX4995?

Independent catalogues pair PX49950232 with 00270143, so it can support identity checking, but the installed markings and connector arrangement remain decisive.

4

Why is the potted construction important on Bently Nevada HI-POTTED 00270143 PX4995?

The resin encapsulation encloses the windings as one assembly; cracks, heat damage or disturbed potting are therefore meaningful inspection findings.

5

Can a general-purpose transformer replace Bently Nevada HI-POTTED 00270143 PX4995?

Not by appearance alone. The replacement must agree with the nameplate ratings, isolation duty, harness, connector keying, mounting and installed circuit requirements.

6

Which electrical ratings are safe to use for Bently Nevada HI-POTTED 00270143 PX4995?

Use the values on the physical nameplate and controlled equipment documentation. Confirm voltage, frequency and VA rating against the isolated installed circuit before energization.

7

What should be recorded before disconnecting Bently Nevada HI-POTTED 00270143 PX4995?

Capture conductor labels, connector positions, mounting orientation, bonding and both sides of the isolated control-power circuit.

8

How should Bently Nevada HI-POTTED 00270143 PX4995 be accepted after replacement?

Confirm insulation and connection checks, prove the expected secondary voltage without load, then repeat under the approved load before restoring the monitoring circuits.

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Related products on Apter Power

Navigation links only. These products are not evidence for the technical values of this article.

01	Bently Nevada 330104-01-04-15-02-05 VIEW Bently Nevada 330104-01-04-15-02-05	02	Bently Nevada 330101-00-52-05-01-05 VIEW Bently Nevada 330101-00-52-05-01-05
03	Bently Nevada 21504-0000-012-05-02 VIEW Bently Nevada 21504-0000-012-05-02	04	Bently Nevada 146054-08-05-02-05 VIEW Bently Nevada 146054-08-05-02-05
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