

Bently Nevada TACH100-01 174652-01 is presented as a TACH100 standalone digital-tachometer identity. The documented TACH100 function provides local or remote speed indication from a Proximitor signal and can power one compatible Proximitor sensor.

Exact identity

Exact Identifier	TACH100-01 174652-01
Family	TACH100 standalone digital tachometer
Signal	Proximitor / Keyphasor input
Special Fields	-01 and 174652-01 retained

Installed context

Exact item TACH100-01 174652-01	Installed context Mating component or rack position	Acceptance Machine-specific functional check
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Local speed display

Show machine speed where no permanent rack display is installed.

Remote indication

Repeat a Keyphasor-derived speed value away from the monitor rack.

Commissioning support

Provide a direct digital speed reference during machine setup.

Multi-event measurement

Scale speed from a compatible transducer with an adjusted events-per-turn value.

Related models

Bently Nevada 128031-01	Related portfolio reference; verify the complete execution.
Bently Nevada 128718-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/25 125800-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/50 133388-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/60 163179-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/61 136711-02	Related portfolio reference; verify the complete execution.

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Manufacturer-supported characteristics

Product Family	TACH100 standalone digital tachometer
Display	Six-digit, seven-segment LED
Measurement Range	1 to 999,999 rpm
Resolution	1 rpm
Accuracy	Within 0.015% of displayed input speed
Events Per Turn	1 to 99, field adjustable

Additional data

Signal Input	Bently Nevada Proximitorsensor
Proximitors Power	-24 VDC at 20 mA maximum
AC Supply	110-230 VAC, 50-60 Hz
Operating Temperature	0 to +60 deg C
Storage Temperature	-40 to +85 deg C
Identity Boundary	TACH100-01 and 174652-01 retained; relationship not decoded by the selected datasheet

Interpretation boundary

Do not assign an unsupported option meaning to TACH100-01 or 174652-01; verify the supplied item record before replacement.

Evidence discipline

Unverified weight, dimensions and suffix meanings are intentionally omitted. Confirm them only from the exact manufacturer record or nameplate.

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01 / Field precaution

Verify the complete TACH100-01 174652-01 identity before installation.

02 / Field precaution

Confirm that the source signal comes from a compatible Proximity sensor.

03 / Field precaution

Set events per turn to the actual target geometry before interpreting rpm.

04 / Field precaution

Check AC supply, fuse and protective earth before energizing.

05 / Field precaution

Do not parallel the signal until the permanent monitor and wiring arrangement are reviewed.

06 / Field precaution

Keep Proximity power and signal common wiring separated from unsuitable circuits.

07 / Field precaution

Treat 174652-01 as an unresolved supplied identifier until its relationship is documented.

08 / Field precaution

Compare displayed rpm with the approved machine reference before release.

Acceptance checkpoints

Identity	Full model and nameplate recorded
Mechanical	Mounting, enclosure and routing inspected
Electrical	Power, loop or cable checks follow the applicable source
Integration	Mating components and system length confirmed
Acceptance	Machine-specific functional result recorded

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What does Bently Nevada TACH100-01 174652-01 do?

It provides stand-alone or remote digital machine-speed indication from a Proximitors signal.

What display is used by Bently Nevada TACH100-01 174652-01?

The TACH100 family uses a six-digit LED display.

What speed range is supported by Bently Nevada TACH100-01 174652-01?

The documented TACH100 range is 1 to 999,999 rpm.

Can Bently Nevada TACH100-01 174652-01 handle multiple events per turn?

Yes. Events per turn can be adjusted from 1 to 99.

Can Bently Nevada TACH100-01 174652-01 power a Proximitors?

The TACH100 provides -24 VDC at up to 20 mA for one compatible Proximitors sensor.

Which AC supply is used by Bently Nevada TACH100-01 174652-01?

The documented supply is 110-230 VAC at 50-60 Hz.

What does 174652-01 mean on Bently Nevada TACH100-01 174652-01?

It is preserved as part of the supplied identity; the selected TACH100 datasheet does not decode the relationship.

What confirms commissioning of Bently Nevada TACH100-01 174652-01?

Verify signal wiring, events-per-turn setting and displayed speed against an approved reference.

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Bently Nevada 128718-01

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Bently Nevada 3500/25 125800-02

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Bently Nevada 3500/50 133388-02

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Evidence record

Manufacturer	Bently Nevada, a Baker Hughes company
Reference	TACH100 Standalone Digital Tachometer Datasheet 176063 Rev. K
Exact identifier	TACH100-01 174652-01
Evidence boundary	Only directly supported family and ordering statements are used

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Recommendation rule

Brand + model links identify related product pages. They do not claim compatibility or substitution.

Service record

Retain exact identity, installed point, companion components, as-found condition, inspection evidence and machine-specific acceptance result.

Manufacturer evidence

176063 Rev. K: function and signal use p. 1; electrical, display and environmental data pp. 2-3; ordering family p. 4; connection examples pp. 5-6. The special suffixes are not decoded.

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