Bently Nevada 81305-040-00

01 / FUNCTION AND SIGNAL ROLE

Bently Nevada 81305-040-00 is a 14 mm proximity-transducer extension cable with a documented 4.01 m cable length and no armor. The 040 cable is specified for use with the 81725-01 five-metre Proximitor arrangement.

Evidence-controlled use

Signal role	Installed context	Acceptance
Configured measurement or control path	Mating component or rack position	Machine-specific functional check

Technical boundary

Verify the complete 81305-040-00 identity, mating hardware and controlled system procedure before installation.

14 mm transducer completion

Complete the documented five-metre electrical path between the probe and 81725-01 Proximitor.

Shaft vibration monitoring

Carry the probe signal to the matched signal conditioner.

Related models

Bently Nevada 330103-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-00-03-05-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-02-10-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330905-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330980-51-CN	Related portfolio reference; verify the complete execution.

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Bently Nevada 81305-040-00

Manufacturer-supported data

Cable length	4.01 m, tolerance ±10%
Armor	Without armor
Associated Proximitor	81725-01 five-metre Proximitor
Electrical system length	5 m combined transducer arrangement
Measurement system	14 mm proximity transducer
Connector check	Clean, dry and mechanically secure coaxial joint

Use of listed values

Each value belongs to the component or complete system stated in the source. Do not transfer a system rating to an isolated part or a nearby execution.

Related models

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Additional documented data

Field modification	Do not splice or shorten
Routing	Support without crushing or sharp bends
Acceptance	Verify static gap and dynamic response
Cable function	Completes the calibrated probe-to-Proximitor signal path
Signal path	Coaxial proximity-transducer connection

Installed-system review

Extension-cable length is part of the calibrated transducer system. The probe lead, 4.01 m extension cable and designated Proximitor must be checked together, including connector condition, routing and the channel response.

Engineering checkpoints

Configuration	Installed channel and companion parts recorded
Mechanical	Mounting, enclosure and routing inspected
Electrical	Power, loop or cable checks follow the applicable source

Related models

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14 mm transducer completion

Complete the documented five-metre electrical path between the probe and 81725-01 Proximitor.

Shaft vibration monitoring

Carry the probe signal to the matched signal conditioner.

Axial-position monitoring

Maintain the calibrated path for a qualified 14 mm position measurement.

Legacy-system service

Replace the exact unarmored cable without altering the designed system length.

01 / Precaution

Verify 81305-040-00 on the cable identification before replacement.

02 / Precaution

Confirm the 4.01 m cable belongs to an 81725-01 five-metre Proximitor arrangement.

03 / Precaution

Do not substitute the armored 01 execution for this unarmored 00 cable without design approval.

04 / Precaution

Keep both coaxial connector surfaces clean and dry.

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Bently Nevada 81305-040-00

What component is Bently Nevada 81305-040-00?

It is a 14 mm proximity-transducer extension cable.

What length is Bently Nevada 81305-040-00?

The 040 code specifies 4.01 m with a ±10% tolerance.

Is Bently Nevada 81305-040-00 armored?

No. The 00 suffix identifies the without-armor execution.

Which Proximitor is associated with Bently Nevada 81305-040-00?

The 040 cable is documented for the 81725-01 five-metre Proximitor arrangement.

Release evidence

Configuration	Installed channel and companion parts 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

Related models

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Manufacturer evidence

141604-01 Rev. NC: 81305 extension-cable ordering table, 040 length, 00 no-armor field and association with the 81725-01 five-metre Proximitor.

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