# Bently Nevada 128987-130-00-00

Technical Reference and Engineering Data

Bently Nevada 128987-130-00-00 is a legacy extension-cable identity for an installed proximity transducer chain; exact field meanings are retained without unsupported recoding.

## 01 Exact identity and system role

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| **Complete model** | 128987-130-00-00 |
| **Product type** | Legacy proximity-system extension cable |
| **Manufacturer** | Bently Nevada |
| **Technical source** | Legacy 128987 extension-cable identity supported by industrial procurement records |
| **Component identity** | Extension cable |
| **Family context** | Legacy 3300 XL transducer-chain service |
| **Supplied length code** | 130 |
| **Connector option** | 00 retained from complete marking |
| **Approval option** | 00 retained from complete marking |
| **Measurement principle** | Carries the probe impedance signal to matching proximity electronics |

## System position

The offered item is an extension cable; complete marking, physical length, connector identity and every installed companion component must be verified together.

## Lifecycle and installed-base context

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| **Exact-model status** | A separate manufacturing or support phase is not assigned to the complete 128987-130-00-00 order identity. |
| **Installed-family context** | Service planning must preserve the documented legacy 3300 XL extension-cable service relationship for this installed channel. |
| **Replacement boundary** | A different cable family, physical length or connector arrangement requires a fresh matched-chain review. |
| **Supply boundary** | Apter Power availability is confirmed independently from the manufacturer lifecycle phase. |

## Available unit details

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| **Offered reference** | Bently Nevada 128987-130-00-00, legacy extension-cable identity. |
| **Identity check** | Confirm the complete 128987-130-00-00 marking, both connector ends and installed companion components. |
| **Included items** | Extension cable only; probe, Proximitor, monitor and mounting hardware are separate unless itemized. |

## 02 Verified technical data

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| **Component identity** | Extension cable |
| **Family context** | Legacy 3300 XL transducer-chain service |
| **Supplied length code** | 130 |
| **Connector option** | 00 retained from complete marking |
| **Approval option** | 00 retained from complete marking |
| **Measurement principle** | Carries the probe impedance signal to matching proximity electronics |

## Additional engineering data

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|---|---|
| **Electrical boundary** | Cable is part of a calibrated probe-cable-Proximitor chain |
| **Target variables** | Extension-cable family, total system length and connector identity |
| **Inspection points** | Center contact, shield contact, insulation, strain relief and outer jacket |
| **Continuity check** | Center and shield paths tested only with the monitoring channel isolated |

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| **Routing checks** | Bend clearance, abrasion protection, contamination and independent support |
| **Acceptance check** | Restored gap or bias and monitor response against the installed baseline |

## Applicability boundary

Independent procurement records support extension-cable identity for the 128987-130 family. The exact 130-00-00 field meanings are not assigned without a verified legacy manufacturer ordering table.

## 03 Integration and engineering interpretation

**Installed signal path**

Connect the documented proximity probe to its matching signal conditioner without changing the approved electrical chain.

**Condition-monitoring service**

Use the cable only with the documented transducer and monitor or conditioner family assigned to the machine channel.

**Maintenance replacement**

Match conductor count, connector, length, armor and routing before disturbing the installed cable.

**Channel acceptance**

Prove continuity, insulation condition and returned channel response against the approved machine baseline.

## Technical notes

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| **Identity boundary** | Procurement records support extension-cable identity; the exact 130-00-00 field meanings require delivered marking or legacy documentation. |
| **Electrical relationship** | Do not substitute cable length or family independently because the cable is part of the calibrated probe-cable-Proximitor chain. |
| **Technical reference** | Legacy 128987 extension-cable identity supported by industrial procurement records; current exact-field manufacturer table not located. |

## Interpretation boundaries

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| **Product boundary** | Apply the listed facts to 128987-130-00-00 and the documented legacy 3300 XL extension-cable service context only. |
| **Interface boundary** | Connector, terminal, bus, cable and companion-device assignments must match the installed drawing. |
| **Electrical boundary** | Use exact-model values only; system-level ratings remain conditional on the complete installed configuration. |
| **Configuration boundary** | Switches, jumpers, addresses, firmware and project settings must be reconciled before energization. |
| **Diagnostic boundary** | Interpret indicators and fault states together with measured inputs, outputs and host-system status. |
| **Acceptance rule** | Use the approved system baseline and maintenance procedure for the final as-left decision. |

## 04 Diagnostic decisions and support record

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| **What identity evidence should be checked for 128987-130-00-00?** | Compare the complete marking, both connector ends and the installed spare-parts record; do not shorten the identity to 128987-130. |
| **How should the length field of 128987-130-00-00 be handled?** | Retain the 130 code exactly and verify physical length from the delivered item or approved legacy record; no unsupported conversion is applied. |
| **Which companion components must be recorded with 128987-130-00-00?** | Record the probe, extension cable, Proximitor and monitor-channel identities as one installed measurement chain. |
| **What connector inspection is required for 128987-130-00-00?** | With the channel isolated, inspect center and shield contacts, insulation, strain relief and environmental protection at both ends. |
| **How should continuity be checked on 128987-130-00-00?** | Use the approved isolated method to compare center and shield paths with the installed cable record before substituting any component. |
| **What routing checks apply to 128987-130-00-00?** | Record bend clearance, abrasion protection, contamination exposure, independent support and any joint protection along the route. |
| **What proves the channel after replacing 128987-130-00-00?** | Restore the documented chain, gap or bias and compare monitor indication and controlled operating response with the accepted machine baseline. |
| **What handover evidence is required for 128987-130-00-00?** | Retain the complete marking, physical length confirmation, connector photographs, continuity results, companion identities and as-left channel response. |

## Verified source

Legacy 128987 extension-cable identity supported by industrial procurement records

## Related product references

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| **Related product** | Bently Nevada 330102-00-28-10-02-05 |
| **Related product** | Bently Nevada 330104-00-16-10-02-00 |
| **Related product** | Bently Nevada 330500-00-01 |
| **Related product** | Bently Nevada 330980-70-CN |

## Engineering contact

Discuss the exact marking and installed application with Apter Power.
sales13@apterpower.com | +86 18030235313

## Acceptance evidence package

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| **Nameplate evidence** | Overall and close photographs showing 128987-130-00-00, revision, approval and serial details where present. |
| **Installation evidence** | Views of the rack position, mechanical datum, terminal assignment, cable route and strain relief. |
| **Configuration evidence** | Export or screenshots identifying the approved hardware assignment and parameters without exposing credentials. |
| **Baseline evidence** | As-found readings with units, test conditions, machine state and the instrument used. |
| **Inspection evidence** | Connector, contact, insulation, fastener, contamination and heat-condition observations. |
| **Functional evidence** | As-left readings and the controlled input, output or channel response used for acceptance. |
| **Change evidence** | Any wiring, setting, firmware or mechanical change linked to its approved work reference. |
| **Release evidence** | Technician, reviewer, date, asset reference and the maintenance-record location for traceability. |

## Controlled acceptance sequence

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| **01 Isolate** | Place the monitored machine and channel in the approved maintenance state; prove the required isolation. |
| **02 Photograph** | Capture 128987-130-00-00, the installed datum, connector, route and companion-component markings. |
| **03 Measure** | Record mechanical position and the applicable stopped-machine electrical reading before removal. |
| **04 Compare** | Check delivered identity, interfaces and evidence against the approved drawing and spare-parts record. |
| **05 Install** | Fit without twisting the lead; preserve thread engagement, target clearance, bend radius and strain relief. |
| **06 Set point** | Establish the operating gap or datum only with the approved stopped-machine procedure. |
| **07 Prove** | Compare local reading, monitor indication and controlled operating response with the accepted baseline. |
| **08 Handover** | Record as-left values, photographs, deviations, responsible technician and release approval. |

## Evidence quality controls

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| **Traceability** | Each value is tied to 128987-130-00-00, the asset location, test state, instrument and date. |
| **Repeatability** | The same approved method and comparable operating state are used for before-and-after readings. |
| **Resolution** | Recorded precision does not exceed the capability of the instrument or source document. |
| **Reference state** | Stopped, energized, loaded and process-running observations are clearly distinguished. |
| **Change control** | Every changed setting, connection or mechanical datum has an approved reason and reviewer. |
| **Retention** | Evidence remains accessible with the maintenance record for future troubleshooting and replacement review. |