

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Bently Nevada CB2W100-125

125 ft splash-proof interconnect cable for two-wire transducers

LENGTH	CABLE	CONDUCTOR	MONITOR END
125 ft / 38.1 m	Shielded	22 AWG	Blunt cut

Bently Nevada CB2W100-125 is a 125 ft interconnect cable for compatible two-wire transducers. The shielded cable incorporates a splash-proof molded boot and a blunt-cut monitor end, providing the documented cable arrangement for suitable vibration-measurement connections rather than a general-purpose probe extension.

01

VERIFIED TECHNICAL DATA

Cable length	125 ft, approximately 38.1 m
Transducer connection class	Two-wire transducer interconnect
Conductor size	22 AWG (0.382 mm2 as published)
Shielding	Shielded cable
Boot construction	Splash-proof overmolded boot
Monitor-end termination	Blunt cut
Cable temperature range	-50 to +200 C
200350 compatibility restriction	Not recommended: O-ring does not form a proper seal

Official basis: 185M2670 Rev. A, p. 7; 105M0340 Rev. AD, p. 12. No unverified packing dimensions, shipping weight or hardware revision is stated.

02 APPLICATION & COMPATIBILITY

- Interconnect component for compatible two-wire transducers; not a calibrated 3300 XL probe extension cable.
- Do not select CB2W100 for the 200350 accelerometer. The manufacturer states that its O-ring does not form a proper seal.
- The cable has a published -50 to +200 C range. The connected transducer, sealing arrangement and monitor can impose narrower limits.
- Use the documented sensor connection and monitor termination. No pinout, tightening torque or minimum bend radius is invented in this reference.

03 SERIES APPLICATION CONTEXT

- Low-frequency vibration signal routing around turbine bearing supports
- Two-wire vibration channels for essential power-plant machinery
- Sensor-to-monitor cabling for water-treatment machinery vibration monitoring

These are applications of the officially documented monitoring families, not claims that this exact cable was installed in a named project. Verify the selected sensor and interface for each measurement point.

04 OFFICIAL DOCUMENTATION

Low Frequency Velocity Transducer System - 185M2670 Rev. A

2300 Vibration Monitors - 105M0340 Rev. AD

The eight parameter rows cover the independently published cable facts. Additional rows are not added by repeating values or borrowing sensor performance data.

AMIKON PRODUCT SUPPORT

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