

AMIKON TECHNICAL DOCUMENTATION

# Installation Instructions

## 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   |

For qualified personnel. This concise reference does not replace the complete manufacturer instructions, controlled drawings or site safety procedures. Verify the exact model and installation before use.

01

### CONFIRM ORDERED CONFIGURATION

|                             |                                  |
|-----------------------------|----------------------------------|
| 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                    |

02

### INSTALLATION CONTROLS

- Verify a compatible two-wire transducer. Do not use the 200350 combination because the O-ring does not seal correctly.
- Terminate the blunt-cut monitor end using the applicable monitoring-system wiring instructions.
- Respect the cable and connected-equipment limits; no undocumented pinout, torque or bend-radius value is supplied here.

03 CONNECTION & FUNCTIONAL CHECKS

|    |                                                                                                                         |
|----|-------------------------------------------------------------------------------------------------------------------------|
| 01 | Confirm CB2W100-125 and the required route length before connection.                                                    |
| 02 | Verify sensor-end fit and sealing. CB2W100 is not recommended with 200350.                                              |
| 03 | Use the manufacturer monitor instructions for the blunt-cut end; this cable reference does not supply a pin assignment. |
| 04 | Confirm the complete signal path and sensor configuration before releasing the measurement for service.                 |
| 05 | Record the cable reference and connected sensor/monitor for future replacement checks.                                  |

04 RESTRICTIONS & SOURCE INSTRUCTIONS

- The published cable rating is -50 to +200 C. Do not apply it to the sensor or monitor.
- The source documents provide cable construction and compatibility limits, not a standalone step-by-step CB2W100 installation manual.
- If connector assembly, tightening or detailed routing instructions are unavailable for the selected installation, obtain the applicable manufacturer drawing before proceeding.

Cable construction: 185M2670 Rev. A, p. 7

Compatibility warning: 105M0340 Rev. AD, p. 12

AMIKON PRODUCT SUPPORT

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