

AMIKON TECHNICAL DOCUMENTATION

# Product Data Sheet

**Bently Nevada 330878-X0-00 MOD:177889-01**

Proximity Signal Conditioning Sensor

| TYPE       | REFERENCE | SCOPE     | OPTIONS     |
|------------|-----------|-----------|-------------|
| Instrument | 174014    | See table | Check order |

330878-X0-00 MOD:177889-01 - Proximity signal conditioning sensor. Use only the documented component configuration.

01

DOCUMENTED FAMILY REFERENCE

|                         |                                                       |
|-------------------------|-------------------------------------------------------|
| Product model           | 330878-X0-00 MOD:177889-01                            |
| Sensor input            | One matching 3300 XL 50 mm probe and cable            |
| Supply without barriers | -17.5 to -26 Vdc; see controlled installation drawing |
| Supply with barriers    | -23 to -26 Vdc                                        |
| Maximum current         | 12 mA                                                 |
| Output resistance       | 50 ohm                                                |
| Field terminals         | SpringLoc terminal strips                             |
| Connector engagement    | Finger-tight ClickLoc connection                      |

Datasheet 174014 Rev. L. Verify the complete supplied product identity.

02 TECHNICAL DATA

|                        |                   |
|------------------------|-------------------|
| Sensor operating range | -51 to +100 deg C |
| Sensor storage range   | -51 to +105 deg C |
| Field wire size        | 0.2 to 1.5 mm2    |

03 APPLICATION AND CONFIGURATION

- Steam-turbine collar measurements
- Opposite-side collar measurement
- Long-range rotor movement monitoring
- Match documented component and system requirements
- Verify actual product markings before installation

04 OFFICIAL DOCUMENTATION

Datasheet 174014 Rev. L

Selected manufacturer data applies to the identified component and documented conditions. Check the full ordering configuration. Consult the applicable installation instructions before selecting, installing or replacing equipment.

AMIKON PRODUCT SUPPORT

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