

AMIKON TECHNICAL DOCUMENTATION

# Product Data Sheet

**Bently Nevada 330180-X1-05 MOD:145004-15**

Proximity Signal Conditioning Sensor

| TYPE       | REFERENCE | SCOPE     | OPTIONS     |
|------------|-----------|-----------|-------------|
| Instrument | 141194    | See table | Check order |

330180-X1-05 MOD:145004-15 - Proximity signal conditioning sensor. Use only the documented component configuration.

01

## DOCUMENTED FAMILY REFERENCE

|                         |                                                        |
|-------------------------|--------------------------------------------------------|
| Product model           | 330180-X1-05 MOD:145004-15                             |
| Sensor input            | One matching 3300 5 mm or 3300 XL 8 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 141194 Rev. AM. Verify the complete supplied product identity.

02 TECHNICAL DATA

|                        |                   |
|------------------------|-------------------|
| Sensor operating range | -52 to +100 deg C |
| Sensor storage range   | -52 to +105 deg C |
| Field wire size        | 0.2 to 1.5 mm2    |

03 APPLICATION AND CONFIGURATION

- Bearing vibration signal conditioning
- Shaft-position monitoring channels
- Phase-reference signal conditioning
- Match documented component and system requirements
- Verify actual product markings before installation

04 OFFICIAL DOCUMENTATION

Datasheet 141194 Rev. AM

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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