

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Bently Nevada 330190-085-01-05

Armored ETR Extension Cable

TYPE	LENGTH	CONNECTOR	APPROVAL
Armored ETR	8.5 m	ClickLoc	05

330190-085-01-05 is an 8.5 m armored ETR extension cable for a matched 3300 XL proximity transducer chain. The probe and extension cable lengths must add up to the Proximitor Sensor total electrical length.

01

VERIFIED PRODUCT IDENTITY

Product model	330190-085-01-05
Cable ordering option	01: armored cable; PFA-coated armor
Product component	3300 XL extended temperature range extension cable
Cable construction	75-ohm triaxial cable with PFA insulation
Cable length option 085	8.5 meters (27.9 feet); +20%, -0% length tolerance
Connector arrangement	Miniature male and female ClickLoc connectors
Agency approval option 05	CSA, ATEX, IECEx; verify unit and installation conditions
Operating / storage temperature	-52 to +260 degrees C; ETR extension cable only

Official source: Datasheet 141194 Rev. AM. Confirm full order and complete-system conditions.

02 TECHNICAL DATA

Minimum cable bend radius	25.4 mm (1.0 in)
Nominal DC resistance, 8.5 m cable	Core: 1.87 ohms +/-0.28; jacket: 0.56 ohms +/-0.11
Typical cable capacitance	69.9 pF/m; not the Proximitor output resistance

03 APPLICATION AND CONFIGURATION

- Probe-to-sensor connection for shaft vibration measurement
- Connection within static shaft-position measurement channels
- Connection within Keyphasor and speed-measurement channels
- Probe plus cable length must match the Proximitor Sensor
- Any ETR component limits system accuracy to ETR specifications

04 OFFICIAL DOCUMENTATION

Datasheet 141194 Rev. AM

The ETR cable rating does not raise the temperature limits of the probe tip or Proximitor Sensor. Check unit approval markings and controlled installation instructions. Exact-order packaging data, hardware revisions and lifecycle dates remain unconfirmed.

AMIKON PRODUCT SUPPORT

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