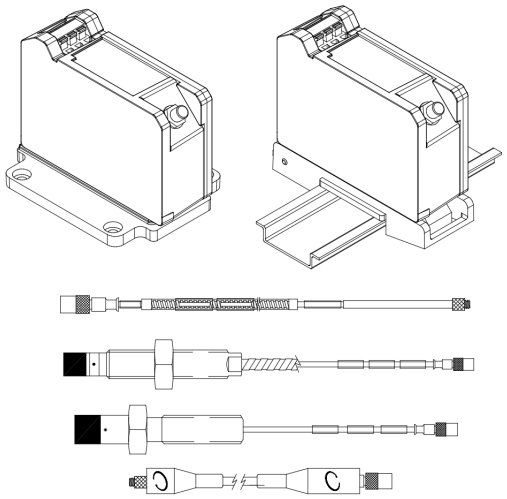
3300 XL NSv Proximity Transducer System

Datasheet

Cordant™

147385 Rev. R



Description

The 3300 XL NSv Proximity Transducer system is intended for use with centrifugal air compressors, refrigeration compressors, process gas compressors, and other machines with tight installation requirements. The 3300 XL NSv Proximity Transducer System consists of:

- a 3300 NSv probe
- a 3300 NSv extension cable
- a 3300 XL NSv Proximitor Sensor(1)

The primary uses for the 3300 XL NSv Transducer System are for areas where counter bore, sideview, or rearview restrictions limit the use of standard Bently Nevada 3300 and 3300 XL 5 and 8 mm Transducer Systems. It is also ideal for small target applications, such as measuring radial vibration on shafts smaller than 51 mm (2 in) or axial position on flat targets smaller than 15 mm (0.6 in). It is primarily used in the following applications on fluid-filmed bearing machines where a small shaft or reduced side-view is present:

- Radial vibration and radial position measurements
- Axial (thrust) position measurements
- Tachometer and zero speed measurements
- Phase reference (Keyphasor signals)

The 3300 XL NSv Transducer System design allows it to replace both the 3300 RAM Transducer Systems and the 3000-series or 7000-series 190 Transducer System. Upgrades from the 3300 RAM system to the 3300 XL NSv system may use the existing probe, extension cable, and monitoring

Baker Hughes

Ordering Information

For the detailed listing of country and product-specific approvals, refer to the *Approvals Quick Reference Guide (108M1756)*.

For additional technical documentation, please log in to bntechsupport.com and access the Bently Nevada Media Library.

3300 NSv Proximity Probes

330901 3300 NSv Probe, 1/4-28 UNF thread, without armor	
330902 3300 NSv Probe, 1/4-28 UNF thread, with armor	
330908 3300 NSv Probe, 3/8-24 UNF thread, without armor	
330909 3300 NSv Probe, 3/8-24 UNF thread, with armor	
Part Number-AA-BB-CC-DD-EE	
A: Unthreaded Length Option	
	Unthreaded length must be at least 0.7 inch less than the case length. Order in increments of 0.1 in Length configurations: Maximum unthreaded length: 9.2 in Minimum unthreaded length: 0.0 in Example: **04** = 0.4 in
B: Overall Case Length Option	
	Order in increments of 0.1 in Threaded length configurations: Maximum case length: 9.9 in Minimum case length: 0.8 in Example: **2 4** = 2.4 in
C: Total Length Option	
05	0.5 meter (20 in)
10	1.0 meter (39 in)
50	5.0 meters (16.4 feet)
70	7.0 meters (23.0 feet)
D: Connector and Cable-Type Option	
01	Miniature coaxial ClickLoc connector with connector protector, standard cable
02	Miniature coaxial ClickLoc connector, standard cable
11	Miniature coaxial ClickLoc connector with connector protector, FluidLoc cable
12	Miniature coaxial ClickLoc connector, FluidLoc cable
E: Agency Approval Option	
00	Not required
05	Multiple Approvals

3300 NSv Proximity Probes, Metric

330903 3300 NSv Probe, M8X1 thread, without armor	
330904 3300 NSv Probe, M8X1 thread, with armor	
330905 3300 NSv Probe, M10X1 thread, without armor	

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