

330904-00-03-70-01-CN

3300 XL NSv M8x1 Armored Proximity Probe

PRODUCT TECHNICAL REFERENCE

Bently Nevada 330904-00-03-70-01-CN is an armored 3300 XL NSv proximity probe with M8x1 thread, 30 mm case length and 7.0 m total length. It supports vibration, position, speed and phase-reference measurements where compact probe geometry is required.

OFFICIAL SOURCE

3300 XL NSv Proximity Transducer System Datasheet | 147385 Rev. R

Verified technical profile

3300 XL NSv M8x1 Armored Proximity Probe

Probe family	3300 XL NSv
Thread	M8x1
Armor	Yes
Unthreaded length	0 mm
Overall case length	30 mm
Total length	7.0 m
Connector / cable	ClickLoc with protector, standard cable
System average scale factor	7.87 V/mm (200 mV/mil)
System linear range	1.5 mm (60 mil)
Cable pull strength	220 N (50 lb)

Dimensions and weight are intentionally excluded from the product fields for this batch.

System role and engineering boundaries

Bently Nevada 330904-00-03-70-01-CN is an armored 3300 XL NSv proximity probe with M8x1 thread, 30 mm case length and 7.0 m total length. It supports vibration, position, speed and phase-reference measurements where compact probe geometry is required.

1

Fits compact M8x1 probe locations with armored cable protection

2

Uses the locked ClickLoc connection with a connector protector

3

Supports small-target and restricted side-view measurement geometry

4

Integrates with the NSv probe, extension-cable and Proximitor system

ENGINEERING NOTE

Thread 330904-00-03-70-01-CN into the approved M8x1 mounting location without twisting or crushing its armored 7.0 m lead. Mate it only with the correct NSv extension cable and Proximitor sensor, then set gap, verify polarity and prove the configured vibration or position channel.

Industrial application matrix

Four source-supported operating contexts for this exact product.

Small-shaft radial vibration

Measures radial motion where shaft diameter or side-view clearance limits a standard probe.

Compressor axial-position monitoring

Supports thrust-position measurement on compact flat targets.

Tachometer and zero-speed pickup

Provides a proximity signal for speed observation in an engineered NSv system.

Keyphasor phase reference

Generates a phase-reference pulse from a suitable rotating target for machinery diagnostics.

Related-series navigation

Eight verified Apter Power product pages, kept separate from the manufacturer source record.

RELATED APTER POWER SERIES PAGES	
01	330901-00-14-10-02-00 NSv proximity probe
02	330909-00-60-10-01-00 armored NSv probe
03	330180-12-05 Proximitor sensor
04	190501-10-00-00 Velomitor CT
05	9200-06-01-11-04 Seismoprobe transducer
06	330780-90-05 11 mm Proximitor sensor
07	3500/50 tachometer module
08	3500/42M 176449-02 seismic monitor

Navigation links only - not manufacturer evidence for technical parameters.

SOURCE RECORD

3300 XL NSv Proximity Transducer System Datasheet | 147385 Rev. R

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