330180-X1-05 MDO:143416-99

3300 XL 8 mm Proximitor Sensor

Bently Nevada 330180-X1-05 MDO:143416-99 is the documented 3300 XL 8 mm Proximitor Sensor for the Bently Nevada 3300 XL 8 mm proximity transducer system. It conditions the matched probe signal for the monitor channel.

BRAND	Bently Nevada	FAMILY	Bently Nevada 3300 XL 8 mm proximity transducer system
PART	330180-X1-05 MDO:143416-99	SYSTEM ROLE	Conditions the matched eddy-current probe signal

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330180-X1-05 MDO:143416-99

MANUFACTURER SOURCE RECORD

3300 XL 8 mm Proximity Transducer System Datasheet
Baker Hughes publication 141194 Rev. AL

Product Overview

SYSTEM FUNCTION

Bently Nevada 330180-X1-05 MDO:143416-99 is the documented 3300 XL 8 mm Proximitor Sensor for the Bently Nevada 3300 XL 8 mm proximity transducer system. It conditions the matched probe signal for the monitor channel.

FUNCTION 1

Conditions the matched eddy-current probe signal

FUNCTION 2

Interfaces the transducer loop with the monitor

FUNCTION 3

Supports static and dynamic displacement measurement

FUNCTION 4

Provides a defined replacement and verification path

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	Bently Nevada 3300 XL 8 mm proximity transducer system
Primary interface	Conditions the matched eddy-current probe signal
Engineering context	The article is installed only with the documented Bently Nevada 3300 XL 8 mm proximity transducer system components. Commissioning preserves the exact suffix identity, physical interfaces, wiring, shielding, configuration and controlled response evidence.
Commissioning duty	Complete a controlled response and alarm test before service release.

TECHNICAL NOTE

Match Bently Nevada 330180-X1-05 MDO:143416-99 to the documented host and mating interfaces, and record the as-found MDO 143416-99, connections, cable route, shielding and configuration. Restore the approved arrangement and verify diagnostics and controlled channel response before release.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
System family	3300 XL 8 mm	Function	Proximity-signal conditioning
Component	Proximitor Sensor	Reference document	141194 Rev. AL

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada TK-3E-177313-02-01	Related Apter Power product	View Bently Nevada TK-3E-177313-02-01 page
Bently Nevada 330500-04-00	Related Apter Power product	View Bently Nevada 330500-04-00 page
Bently Nevada 330102-00-40-05-01-05	Related Apter Power product	View Bently Nevada 330102-00-40-05-01-05 page
Bently Nevada 330500-00-02	Related Apter Power product	View Bently Nevada 330500-00-02 page
Bently Nevada 16925-30	Related Apter Power product	View Bently Nevada 16925-30 page
Bently Nevada 330850-50-00	Related Apter Power product	View Bently Nevada 330850-50-00 page
Bently Nevada 3500-50-133388-02	Related Apter Power product	View Bently Nevada 3500-50-133388-02 page
Bently Nevada 330130-080-02-05	Related Apter Power product	View Bently Nevada 330130-080-02-05 page

ENGINEERING BOUNDARY

Confirm Bently Nevada 330180-X1-05 MDO:143416-99, complete article suffix, installed host, mating components, mounting, connectors, cable route, wiring, shielding, grounding, monitor configuration and controlled functional-test results before commissioning.

Applications and Precautions

Common Applications

Radial shaft-vibration conditioning

Converts the proximity probe signal for a monitor channel.

Axial position monitoring

Provides conditioned displacement output for a thrust channel.

Machine centerline observation

Supports static position trending with the matched probe system.

Monitor-channel restoration

Restores a documented signal-conditioning position and bias response.

Product Precautions

1. Confirm Bently Nevada 330180-X1-05 MDO:143416-99 and the complete installed article marking.
2. Place the monitored machine and protection channel in the approved maintenance state.
3. Isolate the affected circuit and apply ESD-safe handling.
4. Record the installed position, connectors, cable route, shielding and MDO 143416-99 before removal.
5. Confirm the documented host, mating components and physical interfaces.
6. Restore the approved mounting, wiring, shielding and monitor configuration.
7. Review supply, bias, channel and monitor diagnostics after energization.
8. Complete a controlled response and alarm test before service release.

IMPORTANT NOTICE

Confirm Bently Nevada 330180-X1-05 MDO:143416-99, complete article suffix, installed host, mating components, mounting, connectors, cable route, wiring, shielding, grounding, monitor configuration and controlled functional-test results before commissioning.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	330180-X1-05 MDO:143416-99
Configuration	Review supply, bias, channel and monitor diagnostics after energization.
Functional release	Complete a controlled response and alarm test before service release.

Engineer FAQ

Q1 **How should Proximitor identity be verified for Bently Nevada 330180-X1-05 MDO:143416-99?**

Confirm Bently Nevada 330180-X1-05 MDO:143416-99, complete article suffix, installed host, mating components, mounting, connectors, cable route, wiring, shielding, grounding, monitor configuration and controlled functional-test results before commissioning.

Q2 **Which record controls probe/cable pairing on Bently Nevada 330180-X1-05 MDO:143416-99?**

Match Bently Nevada 330180-X1-05 MDO:143416-99 to the documented host and mating interfaces, and record the as-found MDO 143416-99, connections, cable route, shielding and configuration. Restore the approved arrangement and verify diagnostics and controlled channel response before release.

Q3 **What must be preserved for power polarity when servicing Bently Nevada 330180-X1-05 MDO:143416-99?**

Record the installed position, connectors, cable route, shielding and MDO 143416-99 before removal.

Q4 **How is field wiring isolated before work on Bently Nevada 330180-X1-05 MDO:143416-99?**

Place the monitored machine and protection channel in the approved maintenance state. Isolate the affected circuit and apply ESD-safe handling.

Q5 **What official check applies to mounting record for Bently Nevada 330180-X1-05 MDO:143416-99?**

Confirm the documented host, mating components and physical interfaces.

Q6 **How is static gap restored after fitting Bently Nevada 330180-X1-05 MDO:143416-99?**

Restore the approved mounting, wiring, shielding and monitor configuration.

Q7 **Which diagnostic confirms monitor diagnostics for Bently Nevada 330180-X1-05 MDO:143416-99?**

Review supply, bias, channel and monitor diagnostics after energization.

Q8 **What proves response evidence is accepted for Bently Nevada 330180-X1-05 MDO:143416-99?**

Complete a controlled response and alarm test before service release.

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