

INDUSTRIAL MACHINERY MONITORING PRODUCT

330162-03-45-45-45-05-05-94-01-02

Dual Triaxial High-Pressure Feedthrough

Bently Nevada 330162-03-45-45-45-05-05-94-01-02 is a dual triaxial high-pressure feedthrough for a 3300 system. It has armor at the high-pressure end, two 4.5 m lead sections, 4.5 m and 0.5 m internal dimensions, fluorocarbon O-rings, a female high-pressure connector and a male low-pressure connector.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
Product	Dual Triaxial High-Pressure Feedthrough
Model	330162-03-45-45-45-05-05-94-01-02
Family	3300 XL High-Pressure Feedthrough
Country of origin	USA

DOCUMENT SCOPE

Exact model identity, supported configuration data, installation checks, applications, precautions and controlled acceptance records.

MODEL-SPECIFIC ENGINEERING NOTE

Confirm all four ordered cable dimensions against the pressure boundary and protect the cable-to-feedthrough interface from water. Verify connector gender, O-ring chemical compatibility and system length before pressure-boundary and channel acceptance.

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Verified Product Record

PARAMETER	VERIFIED VALUE
Feedthrough type	Dual triaxial for 3300 system
Armor	High-pressure end
Dimension 1	4.5 m
Dimension 2	4.5 m
Dimension 3	4.5 m
Dimension 4	0.5 m
O-ring	Fluorocarbon
High-pressure connector	Female miniature coaxial
Low-pressure connector	Male miniature coaxial

Installation Boundary

ENGINEERING BOUNDARY

Confirm all four ordered cable dimensions against the pressure boundary and protect the cable-to-feedthrough interface from water. Verify connector gender, O-ring chemical compatibility and system length before pressure-boundary and channel acceptance.

CHECK	REQUIRED RECORD
Identity	330162-03-45-45-45-05-94-01-02
Installed arrangement	Position, mating hardware, cable and termination
Configuration	Associated module or monitor channel
Acceptance	Diagnostics and controlled functional proof

SOURCE BOUNDARY

Baker Hughes / Bently Nevada publication 141622 Rev. G. Apply only the exact ordering-code values shown in this document and verify the installed marking before work.

System Role and Verification

Bently Nevada 330162-03-45-45-45-05-05-94-01-02 is a dual triaxial high-pressure feedthrough for a 3300 system. It has armor at the high-pressure end, two 4.5 m lead sections, 4.5 m and 0.5 m internal dimensions, fluorocarbon O-rings, a female high-pressure connector and a male low-pressure connector.

IDENTITY

Record 330162-03-45-45-45-05-05-94-01-02 from the physical marking.

INTERFACE

Document every mating part, connector and cable before disturbance.

CONFIGURATION

Confirm the associated system and channel using manufacturer records.

ACCEPTANCE

Restore the documented arrangement and prove operation before release.

Controlled Installation Checklist

NO.	CHECK
1	Verify the complete 330162-03-45-45-45-05-05-94-01-02 marking before work.
2	Confirm the 4.5 m, 4.5 m, 4.5 m and 0.5 m ordered dimensions against the installation.
3	Use the fluorocarbon O-ring only where its published media compatibility is suitable.
4	Protect the cable-to-feedthrough interface from water on both pressure sides.
5	Connect the female high-pressure end and male low-pressure end to the documented mating connectors.
6	Check pressure integrity, cable continuity, system length and both monitor channels before release.

Applications and Model-Specific FAQ

PRESSURE-BOUNDARY SIGNAL ROUTING

Passes two proximity-transducer paths through the documented pressure interface.

COMPRESSOR MONITORING

Supports dual machinery-monitoring channels across a sealed boundary.

TURBINE INSTRUMENTATION

Routes paired triaxial signals where long external leads are required.

CONTROLLED FEEDTHROUGH REPLACEMENT

Restores the exact cable lengths, seal material and connector orientation.

QUESTION	ANSWER
What product does 330162-03-45-45-45-05-05-94-01-02 identify?	Bently Nevada 330162-03-45-45-45-05-05-94-01-02 is a dual triaxial high-pressure feedthrough for a 3300 system. It has armor at the high-pressure end, two 4.5 m lead sections, 4.5 m and 0.5 m internal dimensions, fluorocarbon O-rings, a female high-pressure connector and a male low-pressure connector.
Which feedthrough type applies to 330162-03-45-45-45-05-05-94-01-02?	The exact ordering record specifies Dual triaxial for 3300 system.
How is the armor defined for 330162-03-45-45-45-05-05-94-01-02?	The manufacturer ordering data gives High-pressure end.
Which Bently Nevada publication covers 330162-03-45-45-45-05-05-94-01-02?	Baker Hughes / Bently Nevada publication 141622 Rev. G.
What installation detail should be checked first for 330162-03-45-45-45-05-05-94-01-02?	Confirm the 4.5 m, 4.5 m, 4.5 m and 0.5 m ordered dimensions against the installation.
How should connections or routing be controlled for 330162-03-45-45-45-05-05-94-01-02?	Protect the cable-to-feedthrough interface from water on both pressure sides.
What acceptance evidence is required for 330162-03-45-45-45-05-05-94-01-02?	Check pressure integrity, cable continuity, system length and both monitor channels before release.
What country of origin is listed for 330162-03-45-45-45-05-05-94-01-02?	The current publishing instruction specifies USA.

Precautions and Related Products

NO.	PRECAUTION
1	Verify the complete 330162-03-45-45-05-05-94-01-02 marking before work.
2	Confirm the 4.5 m, 4.5 m, 4.5 m and 0.5 m ordered dimensions against the installation.
3	Use the fluorocarbon O-ring only where its published media compatibility is suitable.
4	Protect the cable-to-feedthrough interface from water on both pressure sides.
5	Connect the female high-pressure end and male low-pressure end to the documented mating connectors.
6	Check pressure integrity, cable continuity, system length and both monitor channels before release.

Related Bently Nevada Products on Apter Power

MODEL	RELATION	APTER POWER PAGE
330101-00-53-10-12-05	Bently Nevada machinery-monitoring component	View 330101-00-53-10-12-05
330101-00-16-05-11-05	Bently Nevada machinery-monitoring component	View 330101-00-16-05-11-05
330101-30-60-10-02-05	Bently Nevada machinery-monitoring component	View 330101-30-60-10-02-05
330101-00-60-10-02-00	Bently Nevada machinery-monitoring component	View 330101-00-60-10-02-00
330101-00-26-05-01-05	Bently Nevada machinery-monitoring component	View 330101-00-26-05-01-05
330101-00-49-90-12-05	Bently Nevada machinery-monitoring component	View 330101-00-49-90-12-05
330101-30-63-15-02-CN	Bently Nevada machinery-monitoring component	View 330101-30-63-15-02-CN
330101-00-18-10-02-00	Bently Nevada machinery-monitoring component	View 330101-00-18-10-02-00

MANUFACTURER SOURCE RECORD

3300 XL High-Pressure Feedthrough Datasheet
Baker Hughes / Bently Nevada publication 141622 Rev. G

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