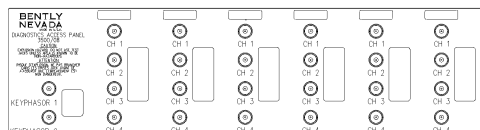


3500/08 Diagnostics Access Panel

Datasheet

Cordant™

141529 Rev. F



Description

The Diagnostics Access Panel is designed for use with the Bently Nevada™ 3500 Series Machinery Protection System. While the 3500 rack provides front-panel access to all buffered transducer and Keyphasor outputs, there are installations for which these front-panel connections are inconvenient or impractical to use. One example is that of a 3500 rack installed in an EMI-shielded or weatherproof enclosure. The Diagnostics Access Panel enables direct access to signals from the 3500 System without opening cabinet doors and subjecting electronic equipment to the risk of EMI/RFI exposure, or other harsh environmental conditions.

The Diagnostics Access Panel connects to the 3500 System's dynamic data port through a 4.6-metre (15-foot) signal cable. The signals available on a column of connectors will vary depending on the 3500 System configuration.



Specifications

Interface

One 3500/08 can deliver signals from six 3500 4-channel monitors and one 3500 2-channel Keyphasor Module. The Diagnostics Access Panel has one coaxial connector for each channel. The maximum cable length for use with the 3500/08 is 26 metres (85 feet).

When 3500/08 is used with a 3500/22, TDI, a Buffered Signal Output Module is required to provide access to all of the buffered signals.

Environmental Limits

Operating Temperature	-30°C to +65°C (-22°F to +150°F)
Storage Temperature	-40°C to +85°C (-40°F to +185°F)
Humidity	95% non-condensing

Physical

Dimensions (Height x Width x Depth)	
483 mm x 152 mm x 54 mm (19.00 in. x 6.00 in. x 2.13 in.)	
Weight	1.8 kg (4.0 lb.).

Ordering Information



For the detailed listing of country and product specific approvals, refer to the *Approvals Quick Reference Guide* (108M1756) available from [Bently.com](https://www.bently.com).

3500/08 -AA

A: Interface Cable Option

00	Without interface cable
01	With interface cable

Spares

134577-01	3500/08 Diagnostic Access Panel
134668-01	Interface cable
01619261	Keyphasor adapters
136275	3500/08 Diagnostic Access Panel User Guide

Graphs and Figures

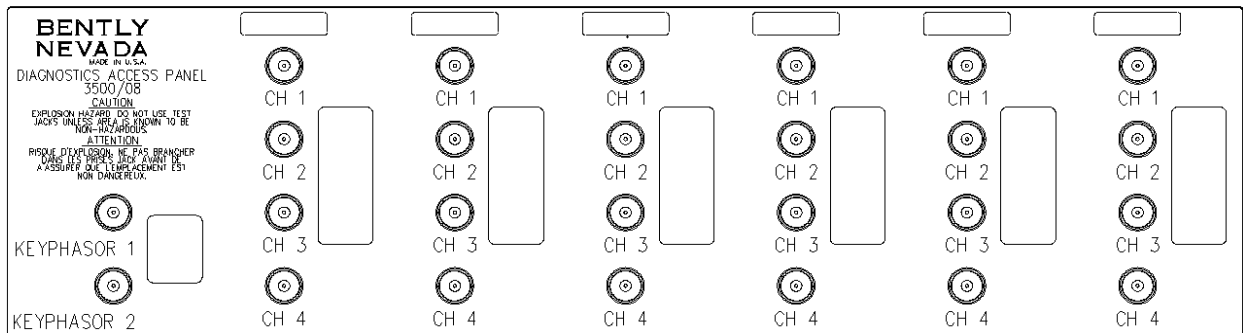


Figure 1: 3500/08 Front View

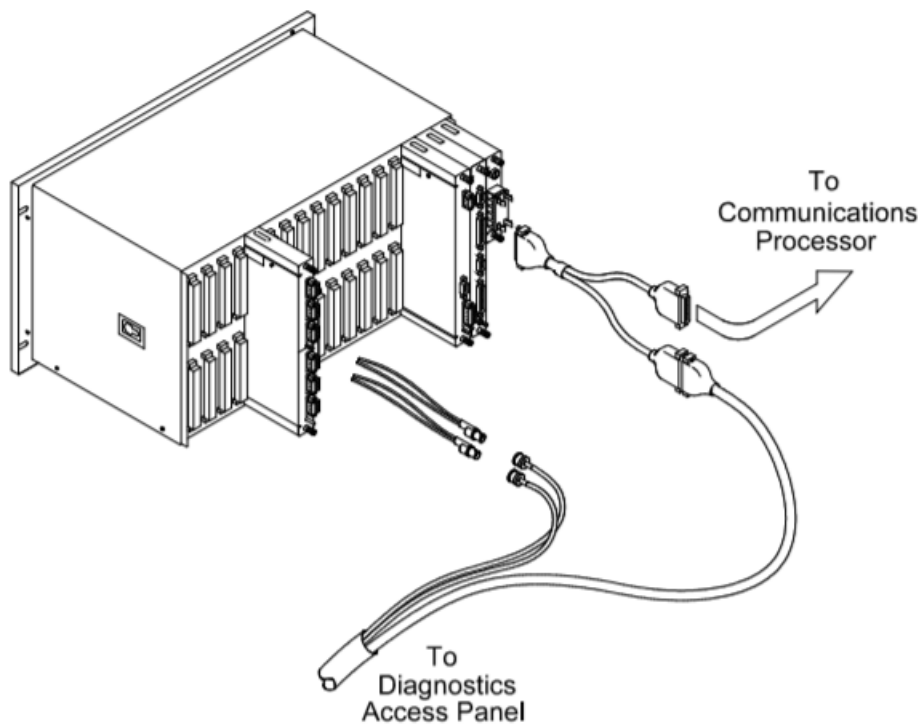


Figure 2: 3500 Cabling Diagram

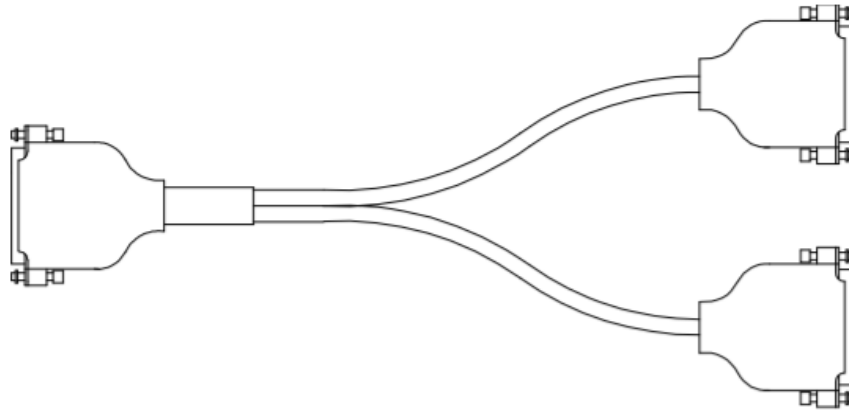


Figure 3: 134668-01 Interface Cable

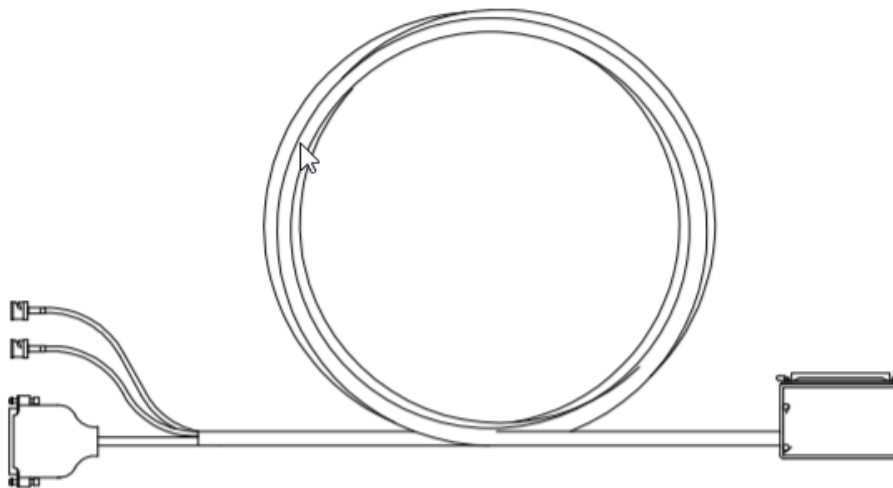


Figure 4: 134668-01 Interface Cable

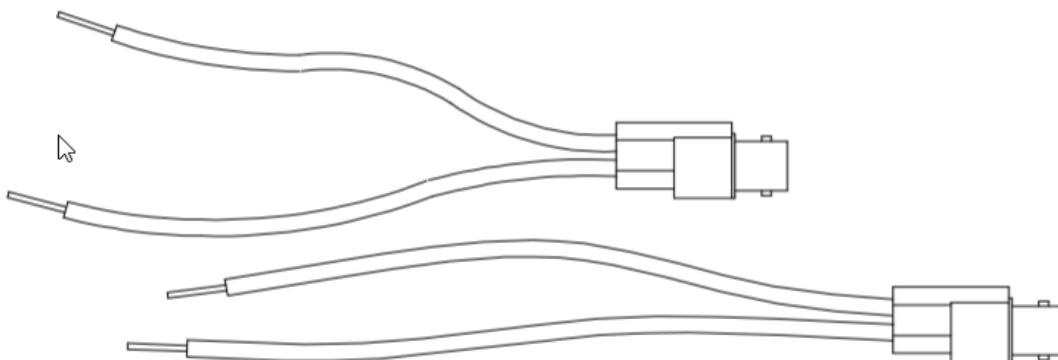


Figure 5: 01619261 Keyphasor Adapters

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