

3500/22M 147364-01

3500 Buffered Signal Output Module

Product identification

Bently Nevada 3500/22M 147364-01 is the legacy 3500 buffered signal output module used to route rack transducer signals for external analysis and condition-monitoring interfaces.

Parameter	Verified value
Manufacturer	Bently Nevada
Model	3500/22M 147364-01
Product Family	3500 System
Product Type	Buffered Signal Output Module

Technical specifications

Parameter	Verified value
Part Number	147364-01
Installation position	Rear rack I/O position
System association	Legacy 3500/22M TDI arrangement
Primary function	Buffered transducer-signal routing
Monitoring role	External analysis and condition-monitoring signal access
Primary protection path	Not part of the rack's critical monitoring path
Mating requirement	Must match the installed front TDI and rack generation
Grounding requirement	Verify rack signal common and instrument-ground arrangement
Replacement status	Not listed in the current 3500/22M ordering table
Associated TDI function	Continuous collection of steady-state and transient waveform data
Signal source	Buffered outputs from compatible 3500 rack monitor channels
External destination	Compatible condition-monitoring or data-acquisition equipment
Channel mapping	Defined by installed rack and cable documentation
Upgrade control	Engineering compatibility review required
Associated rack location	TDI occupies Slot 1 next to power supplies
Documentation family	3500/22M Transient Data Interface

Product overview

3500/22M 147364-01 is the historical Bently Nevada 3500 Buffered Signal Output Module identified in 3500 TDI documentation. It provides rear-rack access to buffered transducer signals rather than performing the primary TDI processing function.

The module belongs to earlier 3500/22M interface arrangements used to deliver conditioned rack signals to compatible external acquisition or diagnostic equipment. Signal routing, grounding and channel assignment depend on the installed TDI generation and rack wiring.

This part is intended for maintenance of legacy 3500 installations that were engineered around the 147364-01 output module. Replacement requires confirmation of the rear slot, mating front module, cable destinations and the approved upgrade path because current 3500/22M ordering tables use different I/O options.

Applications

- Maintains buffered-signal access in legacy 3500 machinery-monitoring racks.
- Feeds compatible diagnostic or data-acquisition equipment from conditioned transducer channels.
- Supports like-for-like repair where the rack was originally engineered around part 147364-01.

Signal Routing

- Buffered transducer signals are routed from the rack to compatible external interfaces.
- Channel destinations must follow the existing rack and cable documentation.
- Signal common and shielding must preserve the grounding design of the monitoring system.

Rack Integration

- The module belongs in the rear I/O position associated with the documented TDI arrangement.
- The mating front module and rack generation must be identified before insertion.
- A 3500/20 RIM rear I/O module must not remain installed when converting a rack to a TDI.

Lifecycle & Replacement

- Part 147364-01 is not included in the current 3500/22M ordering table.
- Like-for-like sourcing should be based on the complete part label and rack drawings.
- Any move to current TDI I/O hardware requires a documented compatibility and rewiring assessment.

High-risk technical note

3500/22M 147364-01 is not the TDI main module; never substitute it for a current rear I/O option without a documented rack-upgrade and signal-routing review.

Request a quotation
info@apterpower.com
+86 18106909650

Exact model
3500/22M 147364-01
3500 System



Manufacturer source

<https://dam.bakerhughes.com/m/3067f290d79c13de/original/3500-22M-Transient-Data-Interface-Module-Datasheet-161581-pdf.pdf>
Source technical meaning is unchanged. This web edition is organized for exact-model identification and quotation support.