

INDUSTRIAL AUTOMATION PRODUCT

128031-01D

3500/05 Full-height I/O Module Cover

Bently Nevada 128031-01D is the I/O module cover supplied for a full-height blank monitor position in the 3500/05 System Rack. The base 128031-01 cover is used in full-height blank monitor cover kit 130768-01 with the documented front panel and fasteners.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	Bently Nevada 3500 System Rack
Part number	128031-01D
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Install 128031-01D only in the documented Bently Nevada 3500 System Rack position. Preserve the exact mating interfaces and option settings, then verify diagnostics and covering the rear I/O position associated with a full-height blank monitor position in a 3500/05 rack under controlled conditions.

System Role and Architecture

Bently Nevada 128031-01D is the I/O module cover supplied for a full-height blank monitor position in the 3500/05 System Rack. The base 128031-01 cover is used in full-height blank monitor cover kit 130768-01 with the documented front panel and fasteners.



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7	Bently Nevada 330930-065-01-05	8
8	Bently Nevada 330708-00-10-90-02-00	9
9	Bently Nevada 330103-00-12-10-12-05	

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	Bently Nevada 3500 System Rack
02	Matched Bently Nevada host monitor, rack or rear module
03	Documented connectors, field wiring, alarm contacts and shielding
04	Approved option settings, configuration and acceptance record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Bently Nevada 3500 System Rack
Interface role	covering the rear I/O position associated with a full-height blank monitor position in a 3500/05 rack
Field / power context	documented Bently Nevada machinery-monitoring rack position
Commissioning evidence	Identity, option settings, diagnostics and controlled functional response recorded

INSTALLATION AND CONNECTION CHECKS

1	Confirm the complete 128031-01D marking and the documented 3500/05 Full-height I/O Module Cover execution.	2	Place the machinery-protection system and connected process in the approved maintenance state.
3	Isolate rack power and field circuits, prove the safe state and apply ESD controls.	4	Record the rack position, mating hardware, connectors, alarm wiring and as-found configuration.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Component	Full-height I/O module cover	Companion front panel	130944-01 full-height blank monitor front panel
Base spare number	128031-01	Required screw	04310251
Supplied revision marking	128031-01D	Screw quantity	2 for the I/O module cover
Host system	Bently Nevada 3500/05 System Rack	Full-size rack capacity	14 monitor-module positions
Cover kit	130768-01 full-height blank monitor cover kit	Mini-rack capacity	7 monitor-module positions

RELATED PRODUCT PAGES

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330103-00-06-50-02-00

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Bently Nevada
330708-00-10-90-02-00

9

Bently Nevada
330103-00-12-10-12-05

ENGINEERING BOUNDARY

Confirm 128031-01D, its exact Bently Nevada 3500 System Rack host, installed position, mating hardware, wiring, alarm logic, configuration, diagnostics and controlled acceptance evidence before release.

PRE-INSTALLATION CHECKS

- 1

Confirm the complete 128031-01D marking and the documented 3500/05 Full-height I/O Module Cover execution.
- 2

Place the machinery-protection system and connected process in the approved maintenance state.
- 3

Isolate rack power and field circuits, prove the safe state and apply ESD controls.
- 4

Record the rack position, mating hardware, connectors, alarm wiring and as-found configuration.

Applications and Engineering Context

Matched 3300/3500 rack service

Restores covering the rear I/O position associated with a full-height blank monitor position in a 3500/05 rack in the documented machinery-monitoring architecture.

Exact-execution replacement

Uses the complete 128031-01D identity instead of a neighboring option or revision.

Machinery-protection refurbishment

Preserves the installed host position, connectors, alarm logic and approved configuration.

Controlled recommissioning

Confirms hardware identity, diagnostics and the affected protection function before return to operation.

TECHNICAL NOTE

Install 128031-01D only in the documented Bently Nevada 3500 System Rack position. Preserve the exact mating interfaces and option settings, then verify diagnostics and covering the rear I/O position associated with a full-height blank monitor position in a 3500/05 rack under controlled conditions.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	128031-01D recorded
Host / carrier	Bently Nevada 3500 System Rack
Physical interface	Installed mating hardware and field interfaces match the as-found record
Configuration	Approved monitor and alarm configuration restored
Functional proof	Controlled test confirms covering the rear I/O position associated with a full-height blank monitor position in a 3500/05 rack

IMPORTANT NOTICE

Confirm 128031-01D, its exact Bently Nevada 3500 System Rack host, installed position, mating hardware, wiring, alarm logic, configuration, diagnostics and controlled acceptance evidence before release.

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1

Bently Nevada 330103-00-06-50-02-00

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2

Bently Nevada 330101-37-57-10-02-05

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MANUFACTURER SOURCE RECORD

3500/05 System Rack Datasheet 141525 Rev. N | Bently Nevada manufacturer document supplied by the user and verified 28 September 2026

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RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.