

# 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

PRODUCT SNAPSHOT

BRAND

Bently Nevada

FAMILY

Bently Nevada 3500 System Rack

PART

128031-01D

DOCUMENT STATUS

Controlled engineering copy

APTER POWER

WHATSAPP / PHONE

+86 180 3023 5313

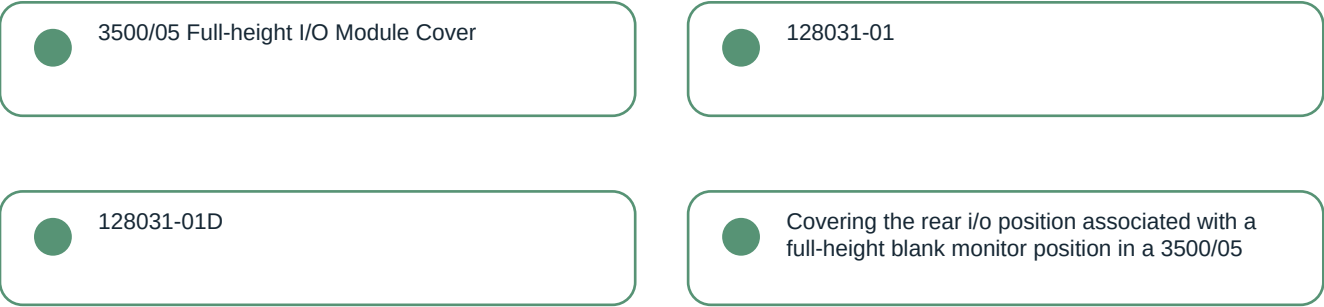
WEBSITE

[www.apterpower.com](http://www.apterpower.com)



# PRODUCT OVERVIEW

Bently Nevada 128031-01D provides covering the rear I/O position associated with a full-height blank monitor position in a 3500/05 rack in a documented Bently Nevada 3500 System Rack installation.



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| 4 Bently Nevada 330105-02-12-10-12-RU | 5 Bently Nevada 330130-040-10-00      | 6 Bently Nevada 330101-04-30-05-01-05 |
| 7 Bently Nevada 330101-00-16-05-02-00 | 8 Bently Nevada 330101-00-16-10-11-05 | 9 Bently Nevada 330103-00-22-50-12-05 |

## SYSTEM COMPONENTS

| DOCUMENTED COMPONENT | ROLE IN SYSTEM          |
|----------------------|-------------------------|
| Proximity probe      | Matched extension cable |
| Proximitor Sensor    | AISI 4140 target        |

### ENGINEERING CONTEXT

The component remains matched to its documented rack position, mating hardware, wiring and approved configuration. Commissioning preserves that architecture and verifies the protection function under controlled conditions.

# TECHNICAL DATA

| 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                      |

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1

Bently Nevada  
330104-06-14-10-02-00

2

Bently Nevada  
330101-00-12-10-02-05

3

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4

Bently Nevada  
330105-02-12-10-12-RU

5

Bently Nevada 330130-040-10-00

6

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7

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8

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9

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## 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.

# APPLICATIONS & PRECAUTIONS

## COMMON APPLICATIONS

### Matched 3300/3500 rack service

Restores covering the rear I/O position associated with a full-height blank monitor position in a 3500/05

### 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.

## PRODUCT PRECAUTIONS

1

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

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.

5

Verify every option and limit against the exact manufacturer ordering or spare-parts record.

6

Restore grounding, shielding, wiring, relay logic and the approved monitor configuration.

7

Energize under control and review rack, channel and alarm diagnostics.

8

Complete a controlled functional test of covering the rear I/O position associated with a full-height blank

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1

Bently Nevada  
330104-06-14-10-02-00

2

Bently Nevada  
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4

Bently Nevada  
330105-02-12-10-12-RU

5

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6

Bently Nevada  
330101-04-30-05-01-05

7

Bently Nevada  
330101-00-16-05-02-00

8

Bently Nevada  
330101-00-16-10-11-05

9

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# ENGINEER FAQ

Q1

**128031-01D: What component does base part 128031-01 identify?**

The 3500/05 spare-parts table identifies it as the I/O module cover supplied with the full-height blank monitor cover kit.

Q2

**Which kit contains the 128031-01D cover?**

The documented kit is 130768-01, the full-height blank monitor cover kit.

Q3

**128031-01D: Which front-panel part is paired with this rear I/O cover?**

The same kit lists 130944-01 as the full-height blank monitor front panel.

Q4

**128031-01D: Which fastener secures the I/O module cover?**

Use screw 04310251; the datasheet specifies two screws for the I/O module cover.

Q5

**128031-01D: Where is the blank-cover assembly used in the 3500/05 architecture?**

It occupies an unused full-height monitor position while the power supplies and Rack Interface Module remain in the reserved far-left positions.

Q6

**128031-01D: How many monitor positions are available in a full-size 3500/05 rack?**

The 19-inch full-size rack provides 14 available monitor-module positions in addition to the reserved power-supply and Rack Interface Module locations.

Q7

**128031-01D: How does a mini-rack differ when planning blank positions?**

The 12-inch mini-rack provides seven available monitor-module positions and is not offered in the bulkhead-mount format.

Q8

**128031-01D: What should be verified after installing the cover kit?**

Confirm the 130944-01 front panel and 128031-01D rear cover occupy the same documented blank position, both 04310251 screws are secure, and adjacent module access is unobstructed.

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1

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SOURCE

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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