88286-01J

3300 Distribution Assembly for Temperature Control

INSTALLATION, INTERFACE AND VALIDATION WORKBOOK

Bently Nevada 88286-01J is a 3300 distribution assembly identified for temperature-control service. Its nameplate provides static and dynamic interfaces, rack connections and 110/220 VAC auxiliary power distribution.

STEP	GATE	ENGINEERING PURPOSE
01	IDENTIFY	Confirm article, host and hardware
02	ISOLATE	Secure power and stored energy
03	CONNECT	Restore documented interfaces
04	VALIDATE	Prove diagnostics and function

WORKBOOK PURPOSE

Field-ready identity, isolation, connection, commissioning and closeout records for this exact Bently Nevada article.

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88286-01J

Installation Readiness Gate

Complete the identity, host-system and isolation checks before disturbing the installed hardware.

1. Confirm 88286-01J and board numbers PWA88199-01 / 88614-01.
2. Isolate 110/220 VAC auxiliary power and prove the circuit de-energized.
3. Record SDI rack, DDI rack, static and dynamic connector assignments.
4. Record Line 1, Line 2, ground, relay and RPM-power conductors.

Pre-Work Evidence

EVIDENCE ITEM	RECORDED VALUE
Complete article marking	88286-01J
Host / carrier	Bently Nevada 3300 monitoring system
Primary system role	Organizes SDI and DDI rack connections
Acceptance boundary	Prove static, dynamic and associated control responses before release.
Source record	Legible 88286-01J physical assembly nameplate

WORK AUTHORIZATION RECORD

Work order: _____ Drawing / revision: _____
Checked by: _____ Date: _____

Isolation and Access Register

CONTROL POINT	ENGINEER RECORD
Incoming supply	Isolated / proved
Stored energy	Discharged / proved
Field connections	Identified / protected
ESD control	Established / recorded

Pre-Work Documentation

DOCUMENT	ENGINEER RECORD
Connection photograph	Reference / file
Configuration backup	Reference / revision
Diagnostic baseline	Reference / result

Connection and Installation Sequence

INSTALLATION PRINCIPLE

Install 88286-01J only in the documented Bently Nevada 3300 monitoring system arrangement and record the exact connection and configuration before removal. Restore the approved settings, then verify diagnostics and functional response before release.

1. Inspect fuse ratings, holders, connector pins and protective-earth bonding.
2. Restore connections exactly from the approved point-to-point record.
3. Energize under control and review rack and temperature-control diagnostics.
4. Prove static, dynamic and associated control responses before release.

Connection Record

CONNECTION GROUP	AS-FOUND / AS-LEFT RECORD	STATUS
Power / field connection	Reference / terminal	Checked
Signal / interface	Reference / connector	Checked
Ground / shield	Reference / point	Checked
Accessory / carrier	Reference / part	Checked

MODEL-SPECIFIC RELEASE LIMIT

Confirm the complete 88286-01J marking, installed host, hardware execution, terminals or connectors, wiring, grounding, configuration, accessories and controlled commissioning results.

Interface Acceptance Criteria

ACCEPTANCE ITEM	REQUIRED EVIDENCE
Identity	88286-01J
Host match	Bently Nevada 3300 monitoring system
Connection proof	Restore connections exactly from the approved point-to-point record.
Configuration proof	Energize under control and review rack and temperature-control diagnostics.

Commissioning and Acceptance Record

Record each controlled verification step before the equipment returns to automatic operation.

NO.	ACCEPTANCE CHECK	RESULT	RECORD
1	Article and host identity	PASS / FAIL	Initial / date
2	Mechanical installation	PASS / FAIL	Initial / date
3	Power and field wiring	PASS / FAIL	Initial / date
4	Grounding and shielding	PASS / FAIL	Initial / date
5	Configuration restoration	PASS / FAIL	Initial / date
6	Signal or power-path response	PASS / FAIL	Initial / date
7	Diagnostics and alarms	PASS / FAIL	Initial / date
8	Final functional release	PASS / FAIL	Initial / date

Engineering Notes

RECORD AREA	ENGINEER ENTRY
As-found condition	
Corrective action	
As-left configuration	
Outstanding restriction	
Release authorization	

CONTROLLED COMMISSIONING

Prove static, dynamic and associated control responses before release.

Diagnostics and Release Log

EVENT	ENGINEERING RECORD
Initial energization	Result / observation
Interface or signal response	Result / observation
Alarm and diagnostic review	Result / observation
Functional release	Name / date

Maintenance Verification and Closeout

3300 rack connection distribution

Maintains the documented rear assembly interfaces for the monitoring installation.

Temperature-control circuit service

Restores the nameplate-defined auxiliary control and power connections.

Static and dynamic signal routing

Preserves the separated labeled interfaces during maintenance.

Legacy 3300 cabinet refurbishment

Provides exact assembly and board numbers for controlled replacement.

Related Engineering Pages

MODEL	ENGINEERING ROLE	APTER POWER PAGE
330104-03-06-10-02-00	armored probe	View 330104-03-06-10-02-00 page
330104-06-12-10-02-00	armored probe	View 330104-06-12-10-02-00 page
330105-02-12-10-02-05	reverse-mount probe	View 330105-02-12-10-02-05 page
330106-05-30-10-02-05	reverse-mount probe	View 330106-05-30-10-02-05 page
330130-080-00-00	extension cable	View 330130-080-00-00 page
330180-50-00	Proximitor Sensor	View 330180-50-00 page
3500/25	Keyphasor module	View 3500/25 page
3500/40M	proximity monitor	View 3500/40M page

MANUFACTURER SOURCE RECORD

Legible 88286-01J physical assembly nameplate
Apter Power retained product images; PWA88199-01 / 88614-01

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