

INDUSTRIAL AUTOMATION PRODUCT

1900/65A-01-01-03-00-01

1900/65A General Purpose Equipment Monitor

Bently Nevada 1900/65A-01-01-03-00-01 is a configured 1900/65A general-purpose equipment monitor with 110-220 v ac external supply, attached display, fiberglass nema 4x/ip66 housing and modbus communications. It accepts supported vibration and position transducers for standalone machinery monitoring.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
Complete model	1900/65A-01-01-03-00-01
Product role	1900/65A General Purpose Equipment Monitor
System family	1900/65A
Country of origin	USA

DOCUMENT SCOPE

Exact identity, manufacturer-supported technical data, installation checks, applications, precautions and controlled verification records.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



1900/65A-01-01-03-00-01

Technical Specifications

PARAMETER	VERIFIED VALUE
Power option	110-220 V AC external supply
Display option	Attached display
Mounting option	Fiberglass NEMA 4X/IP66 housing
Approvals	None
Communications	Modbus communications
Operating temperature	-20 to +70 °C
Storage temperature	-30 to +90 °C
Operating humidity	95% non-condensing maximum
Supported measurements	Acceleration, velocity, radial vibration, thrust, speed and position

Model-Specific Engineering Note

ENGINEERING BOUNDARY

Record the 1900/65A-01-01-03-00-01 input types, channel ranges, relay logic, display settings and communications before replacement. Verify the selected power arrangement and complete sensor, relay and configured output tests before returning the monitor to service.

Pre-Installation Checks

NO.	REQUIRED CHECK
1	Verify the complete 1900/65A-01-01-03-00-01 order code before installation.
2	Record each sensor type, scale factor, channel range and alarm level.
3	Record relay voting, latching and contact assignments.
4	Verify the selected power option: 110-220 V AC external supply.
5	Confirm the mounting and enclosure arrangement: Fiberglass NEMA 4X/IP66 housing.

System Role and Architecture

Bently Nevada 1900/65A-01-01-03-00-01 is a configured 1900/65A general-purpose equipment monitor with 110-220 v ac external supply, attached display, fiberglass nema 4x/ip66 housing and modbus communications. It accepts supported vibration and position transducers for standalone machinery monitoring.

FUNCTION 1

110-220 V AC external supply

FUNCTION 2

Attached display

FUNCTION 3

Fiberglass NEMA 4X/IP66 housing

FUNCTION 4

Modbus communications

Common Applications

APPLICATION	ENGINEERING CONTEXT
General machinery protection	Monitors supported vibration or position transducers on essential plant equipment.
Standalone condition monitoring	Provides local display, alarms and relay logic without a full rack system.
Reciprocating equipment monitoring	Accepts supported acceleration and velocity sensors for configured channels.
Position and speed monitoring	Uses compatible proximity systems for position, thrust or speed duties.

CONTROLLED ACCEPTANCE DUTY

Confirm identity, physical interface, companion hardware, configured values and functional response against the installed-system record before release.

Engineering Precautions

NO.	PRECAUTION
1	Verify the complete 1900/65A-01-01-03-00-01 order code before installation.
2	Record each sensor type, scale factor, channel range and alarm level.
3	Record relay voting, latching and contact assignments.
4	Verify the selected power option: 110-220 V AC external supply.
5	Confirm the mounting and enclosure arrangement: Fiberglass NEMA 4X/IP66 housing.
6	Check transducer barriers or isolators where required by the installation.
7	Restore and test the configured communications option: Modbus communications.
8	Prove all channels, relays and configured outputs before service release.

Model-Specific FAQ — Part 1

QUESTION	ANSWER
Which power arrangement is ordered for 1900/65A-01-01-03-00-01?	110-220 V AC external supply.
What display configuration is supplied with 1900/65A-01-01-03-00-01?	Attached display.
How is the monitor mounted in 1900/65A-01-01-03-00-01?	Fiberglass NEMA 4X/IP66 housing.
Which communications option is included in 1900/65A-01-01-03-00-01?	Modbus communications.

Model-Specific FAQ — Part 2

QUESTION	ANSWER
What operating temperature range applies to 1900/65A-01-01-03-00-01?	The published range is -20 to +70 °C.
Which transducer duties can be configured on 1900/65A-01-01-03-00-01?	The monitor supports documented acceleration, velocity, radial vibration, thrust, speed and position inputs.
What settings must be preserved before replacing 1900/65A-01-01-03-00-01?	Preserve sensor type, scale, ranges, alarms, relay logic, outputs, display and communications.
What final tests are required for 1900/65A-01-01-03-00-01?	Test every input channel, alarm, relay, display function and configured communications path.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 330101-00-96-20-02-cn	Open product page
Bently Nevada 330101-01-50-10-02-05	Open product page
Bently Nevada 330101-02-12-10-02-00	Open product page
Bently Nevada 330101-02-70-10-11-05	Open product page
Bently Nevada 330101-04-28-10-02-00	Open product page
Bently Nevada 330101-04-30-05-01-05	Open product page
Bently Nevada 330101-05-30-10-02-00	Open product page
Bently Nevada 330101-08-20-10-02-00	Open product page

MANUFACTURER SOURCE RECORD

1900/65A General Purpose Equipment Monitor Datasheet
 Baker Hughes publication 173401 Rev. AC

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