1900/65A EQUIPMENT MONITOR

Product Data Sheet

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

Configurable vibration and temperature monitor

POWER OPTION	DISPLAY OPTION	MOUNTING SELECTION	APPROVALS OPTION
External 110-220 V AC, 50-60 Hz supply	**Attached display, without cable**	**Fiberglass NEMA 4X/IP66 windowed housing**	**00: none**

Bently Nevada 1900/65A-01-01-03-00-01 is a 1900/65A monitor with four vibration, position or speed inputs and four temperature inputs. This execution selects an external 110-220 V AC power supply, an attached display and a windowed fiberglass weatherproof housing.

01 TECHNICAL DATA

Power option	External 110-220 V AC, 50-60 Hz supply
Display option	Attached display, without cable
Mounting selection	Fiberglass NEMA 4X/IP66 windowed housing
Approvals option	00: none
Communications selection	Ethernet and RS232/RS485 Modbus
Transducer inputs	Four acceleration, velocity or displacement channels
Temperature inputs	Four RTD or thermocouple channels
Relay outputs	Six independently configurable SPDT
Recorder outputs	Four configurable 4-20 mA
Typical operating power	8.5 W

02 ADDITIONAL PRODUCT DATA

Maximum operating power	14 W
Acceleration filter range	0.5 Hz-25 kHz
Speed full-scale range	100-100000 rpm
Maximum recorder loop resistance	600 ohm
Configuration retention	Nonvolatile memory

03 PRODUCT FUNCTION

Its six relay outputs and four 4-20 mA outputs are configured from measured variables and alarm states. The final 01 enables a Modbus gateway over Ethernet and RS232/RS485, with a user-defined register map. Channel settings, filter ranges and voting logic are retained in nonvolatile memory.

04 SYSTEM COMPATIBILITY

Configure channels 1-4 for the actual transducer type and channels 5-8 for the selected thermocouple or RTD. Restore the six relay expressions and four recorder assignments, including their scaling and loop power requirements.

05 REFERENCE

Bently Nevada 1900/65A Equipment Monitor, 173401 Rev. AC.

AMIKON PRODUCT SUPPORT

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