1900/65A EQUIPMENT MONITOR

Product Data Sheet

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

Configurable vibration and temperature monitor

POWER OPTION	DISPLAY OPTION	MOUNTING SELECTION	APPROVALS OPTION
18-36 V DC direct input	**Attached display, without cable**	**35 mm DIN rail**	**00: none**

Bently Nevada 1900/65A-00-01-01-00-00 is a 1900/65A monitor with four vibration, position or speed inputs and four temperature inputs. This execution selects direct 18-36 V DC input and DIN-rail mounting with an attached display.

01 TECHNICAL DATA

Power option	18-36 V DC direct input
Display option	Attached display, without cable
Mounting selection	35 mm DIN rail
Approvals option	00: none
Communications selection	No Modbus gateway
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 00 omits the Modbus gateway; Ethernet remains the configuration connection. 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.

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