2300 SERIES SPA VIBRATION MONITOR

Product Data Sheet

2300/25-00

Trendmaster SPA vibration monitor

VIBRATION INPUTS	SPEED INPUT	POWER INPUT	MAXIMUM CONSUMPTION
Two synchronized acceleration/velocity/proximity	**One dedicated channel**	**18-36 V DC**	**7.5 W**

Bently Nevada 2300/25-00 is a compact 2300 Series monitor with Trendmaster SPA connectivity. Two synchronized acceleration, velocity or proximity inputs and one dedicated speed input provide continuous measurement and programmable alarm outputs for the connected machinery.

01 TECHNICAL DATA

Vibration inputs	Two synchronized acceleration/velocity/proximity
Speed input	One dedicated channel
Power input	18-36 V DC
Maximum consumption	7.5 W
SPA interface	Trendmaster SPA
SPA high AC span	8 V peak-to-peak
SPA low AC span	1.6 V peak-to-peak
SPA DC gap span	0 to -20 V DC
SPA frequency response	10-3000 Hz; +/-5%
Buffered outputs	Three BNC; two vibration and one speed

02 ADDITIONAL PRODUCT DATA

Relay outputs	Two programmable dry contacts
Ethernet	10Base-T/100Base-TX; RJ-45
Network protocol	Modbus over Ethernet
Approval selection	00: none
Mounting	Panel or DIN rail

03 PRODUCT FUNCTION

The SPA interface supports high AC, low AC and DC gap signals, while three BNC connectors provide buffered sensor access. Ethernet supports configuration and Modbus communication, and two relays provide dry-contact outputs. Suffix 00 selects the version without an agency approval option.

04 SYSTEM COMPATIBILITY

Connect the Trendmaster SPA receiving arrangement using the SPA terminal definition. This 2300/25 execution must not be wired as a 2300/20 recorder-current-output model. Use Ethernet within the published 100 m copper limit for configuration and Modbus.

05 REFERENCE

Bently Nevada 2300/20 and 2300/25 Monitors, 105M0340 Rev. AD.

AMIKON PRODUCT SUPPORT

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