2300 SERIES

Product Data Sheet

2300/20-00

Continuous vibration monitor

VIBRATION INPUT CHANNELS	SPEED INPUT	DC POWER INPUT	MAXIMUM POWER DEMAND
Two seismic or proximity inputs	**One dedicated speed/Keyphasor channel**	**18-36 Vdc**	**7.5 W**

Bently Nevada 2300/20-00 is a continuous vibration monitor with two vibration input channels and one dedicated speed input. It provides configured alarms, local indication and communication interfaces for essential machinery monitoring.

01 TECHNICAL DATA

Vibration input channels	Two seismic or proximity inputs
Speed input	One dedicated speed/Keyphasor channel
DC power input	18-36 Vdc
Maximum power demand	7.5 W
Input digitisation	Independent 24-bit ADCs
Current outputs	Two internally powered 4-20 mA outputs
Current-output load	0-600 ohm
Current-output update	100 ms
Alarm relays	Two programmable dry-contact outputs
Buffered outputs	Three BNC outputs

Bently Nevada 2300 Series Vibration Monitors, 105M0340 Rev. AD; pages 1-8.

02 ADDITIONAL PRODUCT DATA

Communication interface	10/100 Ethernet with Modbus
Mounting	Panel or DIN rail, adapter included
Operating temperature	-30 to +65 deg C
Storage temperature	-40 to +85 deg C
Approval ordering option	None

03 PRODUCT FUNCTION

The 2300/20 configuration includes two internally powered 4-20 mA outputs. The 00 approval option specifies no agency approval. The monitor uses an 18-36 V DC supply with a maximum power demand of 7.5 W; its input configuration must match the connected transducers.

04 SYSTEM COMPATIBILITY

The manufacturer specifies a monitor body of 127 x 127 x 76.2 mm and a monitor weight of 1.03 kg. These are unpacked equipment data; package dimensions and gross shipping weight remain unconfirmed.

05 REFERENCE

Bently Nevada 2300 Series Vibration Monitors, 105M0340 Rev. AD; pages 1-8.

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