3500 SYSTEM

Product Data Sheet

133827-03J

Temperature I/O Module

HOST FAMILY TEMPERATURE CHANNELS	HOST FAMILY INPUT IMPEDANCE	HOST FAMILY MEASUREMENT RESOLUTION	HOST FAMILY THERMOCOUPLE TYPE J RANGE
Up to 6	**10 MΩ per lead**	**1 °C or 1 °F**	**-18 to +760 °C**

The Bently Nevada 133827-03J is listed as a temperature I/O module for the 3500 platform. The 3500/60 and 3500/61 temperature monitor family handles up to six temperature signals and compares measured values with configurable alarm setpoints.

01 TECHNICAL DATA

Host family temperature channels	Up to 6
Host family input impedance	10 MΩ per lead
Host family measurement resolution	1 °C or 1 °F
Host family thermocouple type J range	-18 to +760 °C
Host family thermocouple type K range	-18 to +1370 °C
Host family thermocouple type T range	-160 to +400 °C
Host family RTD current source	925 ±15 µA per transducer at 25 °C
Host family configuration software	3500 Rack Configuration Software

02 ADDITIONAL PRODUCT DATA

The specifications below describe the 3500/60 and 3500/61 platform. The monitor family supports RTD and thermocouple measurement, with channel ranges configured in 3500 Rack Configuration Software. Verify the full rear module marking and installed host monitor before selecting a replacement.

03 PRODUCT FUNCTION

Identify the installed 3500 temperature monitor and record its complete part number. Use the approved rack documentation to establish the configuration for the rear position.

04 SYSTEM COMPATIBILITY

Review the configured input type and range for each assigned temperature channel in 3500 Rack Configuration Software. The available ranges depend on the transducer type selected for the host.

05 REFERENCE

Bently Nevada 3500/60 and 3500/61 temperature monitor family reference, 141540 Rev. L

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