

3300 SYSTEM

Product Data Sheet

144181-50

machinery monitoring component

FUNCTION machinery monitoring component	FAMILY 3300 System	ORIGIN USA	WEIGHT 0.26 kg
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3300 System 144181-50 is a machinery monitoring component for the 3300 System. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Supply Voltage	-18 V DC to -26 V DC
Operating Temperature	-35°C to +120°C
Storage Temperature	-50°C to +120°C
Humidity	0-100% RH non-condensing
Output resistance	50 W
Exact Part Number	144181-50
Product Family	3300 System
Component Type	Machinery Monitoring Component
Channel Capacity	2 channels
Rack Space	One full-height slot

ADDITIONAL PRODUCT DATA

Backplane Supply	3500/3300 rack power
Input Type	Condition-monitoring transducer
Alarm Outputs	Alert and Danger levels
Status LEDs	OK, TX/RX and Bypass
Buffered Output	Front-panel transducer signal

OFFICIAL APPLICATIONS

- Apply the documented machinery monitoring component: Use 144181-50 in the documented 3300 System measurement or protection channel. Match the exact order code, installed position, signal range and monitored machine function before work.
- Restore the recorded machinery monitoring component connections: Photograph terminals, coaxial connectors, shields, earth points, rack slot and adjacent hardware before removing 144181-50. Restore each connection to the controlled drawing.
- Validate the complete machinery monitoring component signal path: After installing 144181-50, check transducer supply, gap or zero, signal response, alarms and rack diagnostics. Record the measured values before releasing the machine channel.

SYSTEM COMPATIBILITY

Match 144181-50 to the installed 3300 System, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Bently Nevada 144181-50 manufacturer documentation](#)

Local manufacturer PDF supplied by user

AMIKON PRODUCT SUPPORT

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