

INDUSTRIAL AUTOMATION PRODUCT

200150-06-05

200150 General-Purpose Accelerometer with 1/4 NPT Stud

Bently Nevada 200150-06-05 is a general-purpose accelerometer with code 06 mounting stud and code 05 multiple approvals for a documented Trendmaster monitoring point.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	Trendmaster 2000 / Trendmaster Pro accelerometer
Part number	200150-06-05
Origin / HS	USA / 8537101190
Shipping origin	Xiamen, Fujian, China

DOCUMENT SCOPE

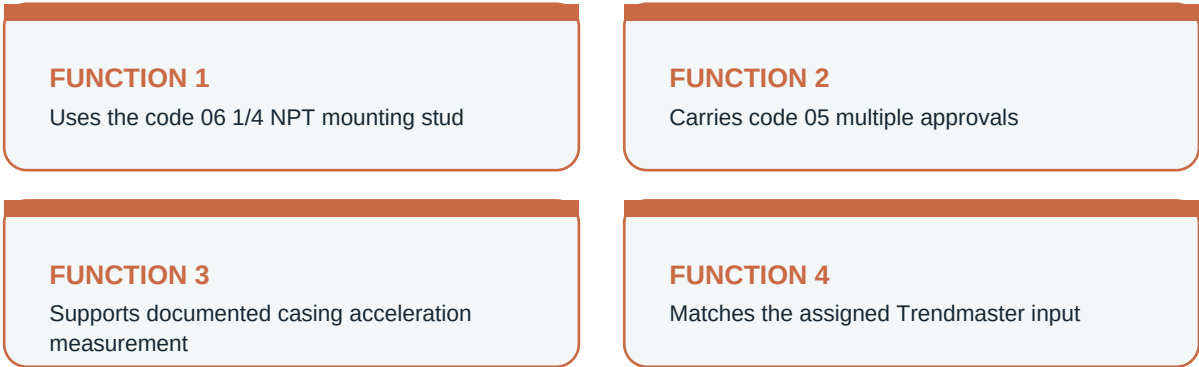
Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Confirm 200150-06-05, Trendmaster 2000 or Trendmaster Pro monitoring interface, mounting stud, integral cable and assigned monitor input, installed position, polarity, shielding, grounding, configuration, diagnostics and controlled functional-test evidence before commissioning.

System Role and Architecture

Bently Nevada 200150-06-05 is a general-purpose accelerometer with code 06 mounting stud and code 05 multiple approvals for a documented Trendmaster monitoring point.



MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	Trendmaster 2000 / Trendmaster Pro accelerometer
02	Trendmaster 2000 or Trendmaster Pro monitoring interface
03	mounting stud, integral cable and assigned monitor input
04	Approved wiring, shielding and grounding arrangement

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Trendmaster 2000 / Trendmaster Pro accelerometer
Interface role	general-purpose casing acceleration measurement
Field / power context	Trendmaster 2000 or Trendmaster Pro monitoring interface
Commissioning evidence	Identity, gap, polarity, response and alarm diagnostics recorded

INSTALLATION AND CONNECTION CHECKS

- 1

Confirm the complete 200150-06-05 marking and controlled maintenance record before work.
- 2

Place the Trendmaster 2000 or Trendmaster Pro monitoring interface and associated machine or process in the approved maintenance state.
- 3

Isolate the documented power, signal and protection circuits before disconnecting 200150-06-05.
- 4

Record the installed position, mounting stud, integral cable and assigned monitor input, polarity, shielding and grounding.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

PARAMETER	VALUE
Model	200150-06-05
Mounting stud code 06	3/8-24 to 1/4 NPT, 3/4 inch hex
Approval code 05	CSA, ATEX and IECEx multiple approvals

PARAMETER	VALUE
Monitoring family	Trendmaster 2000 / Trendmaster Pro
Country of origin	USA
HS code	8537101190

ENGINEERING BOUNDARY

Confirm 200150-06-05, Trendmaster 2000 or Trendmaster Pro monitoring interface, mounting stud, integral cable and assigned monitor input, installed position, polarity, shielding, grounding, configuration, diagnostics and controlled functional-test evidence before commissioning.

PRE-INSTALLATION CHECKS

- 1

Confirm the complete 200150-06-05 marking and controlled maintenance record before work.
- 2

Place the Trendmaster 2000 or Trendmaster Pro monitoring interface and associated machine or process in the approved maintenance
- 3

Isolate the documented power, signal and protection circuits before disconnecting 200150-06-05.
- 4

Record the installed position, mounting stud, integral cable and assigned monitor input, polarity, shielding and grounding.

Applications and Engineering Context

Casing vibration monitoring

Measures acceleration at a prepared rigid machine surface.

Trendmaster route monitoring

Feeds the documented Trendmaster 2000 or Pro input.

Bearing housing surveillance

Supports controlled casing-vibration trending.

Accelerometer replacement

Preserves stud, cable and channel identity.

TECHNICAL NOTE

Confirm 200150-06-05, Trendmaster 2000 or Trendmaster Pro monitoring interface, mounting stud, integral cable and assigned monitor input, installed position, polarity, shielding, grounding, configuration, diagnostics and controlled functional-test evidence before commissioning.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	200150-06-05 recorded
Host / carrier	Trendmaster 2000 / Trendmaster Pro accelerometer
Physical interface	mounting stud, integral cable and assigned monitor input matched
Configuration	Exact installed configuration and channel assignments restored
Functional proof	Controlled general-purpose casing acceleration measurement response recorded

IMPORTANT NOTICE

Confirm 200150-06-05, Trendmaster 2000 or Trendmaster Pro monitoring interface, mounting stud, integral cable and assigned monitor input, installed position, polarity, shielding, grounding, configuration, diagnostics and controlled functional-test evidence before

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER	
01	Bently Nevada 330173-00-06-10-02-00
02	Bently Nevada 330780-91-05
03	Bently Nevada 330709-000-050-10-12-05
04	Bently Nevada 330706-005-046-10-02-00
05	Bently Nevada 330704-0-50-10-02-05
06	Bently Nevada 330500-07-00
07	Bently Nevada 330705-02-18-10-02-00
08	Bently Nevada 330701-00-10-10-02-00

Navigation links only - not manufacturer evidence for technical parameters.

MANUFACTURER SOURCE RECORD

200150, 200155 and 200157 Accelerometers Datasheet | Bently Nevada publication 164986 Rev. Y

APTER POWER SALES TEAM

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