

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 2, 2026

NI

Bently Nevada 170105 FieldMonitor Terminal Base

No photo

MODEL

NI 170105

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

170105

LISTING

**Off-catalog — OEM dat
asheet only**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

Features & description

From manufacturer datasheet

Features

- FieldMonitor terminal base (passive mounting / backplane platform) • 1 power-supply slot (1701/10) • 4 slots for dual-channel vibration monitors • 4 slots for internal Proximitor or transducer I/O modules • 1 Keyphasor Proximitor/I/O slot (channel A) • 1 slot for 1701/22 Management Interface Module • I/O terminations for up to 9 externally wired transducers • Flexbus for Allen-Bradley 1794 Flex I/O / network adapters • Individual buffered dynamic outputs plus multi-channel buffered port • Related: 1701/06 Isolator Terminal Base for Div 1 / Zone 1

170105 Characteristics / Specifications

PARAMETER	VALUE
Model	1701/05 (1701/05-01)
Manufacturer	GE / Bently Nevada
Instrument Type	FieldMonitor Terminal Base
OEM Document Family	141478-01
Slots	power supply; 4 monitor; 4 transducer I/O/Proximitors; 1 Keyphasor I/O; 1 FMIM (1701/22)
Transducer Terminations	up to 9 externally wired transducers
Connections	Flexbus (16-pin); buffered dynamic 25-pin DSUB and coax; SSS 15-pin; Keyphasor terminals; +24 V dc primary power Euro terminal (14-26 AWG)
Field Wiring	8-conductor Euro for 8 monitor channels (18-26 AWG); Keyphasor Euro (18-26 AWG)
Related Power	1701/10 24 V dc Power Supply
Related Isolator Base	1701/06-01 (141573-01)
Accessory Cable	buffered dynamic cable 138925-XXX-XX Standard Operating Conditions Install only as directed for non-hazardous / Div 2 / Zone 2 or with external barriers. Use 1701/06 when intrinsically safe Div 1 / Zone 1 without external barriers is required. Distribute one Keyphasor per terminal base (one shaft speed per base).
Related	1701/06 Isolator Terminal Base for Div 1 / Zone 1

170105 Specifications

PARAMETER	VALUE
GE / Bently Nevada 1701/05 FieldMonitor Terminal Base	Overview
Key Features	- FieldMonitor terminal base (passive mounting / backplane platform)
Technical Specifications	Model: 1701/05 (1701/05-01)

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications

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Related Isolator Base	1701/06-01 (141573-01)
Accessory Cable	buffered dynamic cable 138925-XXX-XX

Standard Operating Conditions

Install only as directed for non-hazardous / Div 2 / Zone 2 or with external barriers. Use 1701/06 when intrinsically safe Div 1 / Zone 1 without external barriers is required. Distribute one Keyphasor per terminal base (one shaft speed per base).

Operational Notes

This is a terminal base, not a monitor or power supply. Confirm 1701/05 vs 1701/06 before ordering galvanic isolators. Catalog matching may be unavailable for this SKU.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: N/A — off-catalog OEM datasheet. See OEM documentation · Not listed on Aumictech inventory.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.