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Data Sheet

August 2, 2026

GE / BENTLY NEVADA

GE / Bently Nevada 1701/10 FieldMonitor 24-Volt dc Power Supply

GE / Bently Nevada 1701/10 FieldMonitor 24-Volt dc Power Supply The GE / Bently Nevada 1701/10 is the FieldMonitor 24-volt dc power supply module for the 1701 FieldMonitor machinery protection system. It installs in dedicated slot in the 1701/05 or 1701/06 FieldMonitor Terminal Base and provides all required logic and transducer voltages to the other FieldMonitor modules. Ordering form 1701/10-01 denotes the 24-Volt Power Supply (OEM part family 141479-01). Power for FieldMonitor terminal bases (1701/05, 1701/06); supply of logic and transducer voltages for proximity, seismic, and related FieldMonitor input modules. The GE / Bently Nevada 1701/10 is the FieldMonitor 24-volt dc power supply module for the 1701 FieldMonitor machinery protection system. It installs in dedicated slot in the 1701/05 or 1701/06 FieldMonitor Terminal Base and provides all required logic and transducer voltages to the other FieldMonitor modules. Ordering form 1701/10-01 denotes the 24-Volt Power Supply (OEM part family 141479-01). Power for FieldMonitor terminal bases (1701/05, 1701/06); supply of logic and transducer voltages for proximity, seismic, and related FieldMonitor input modules.



MODEL

**GE / Bently Nevada
1701/10**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

1701/10

LISTING

<https://aumictechlabs.com/products/1701-10-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The GE / Bently Nevada 1701/10 is a 24 Vdc power supply module engineered for the FieldMonitor system. It converts input power across a wide industrial range and delivers stable logic and transducer voltages to all FieldMonitor modules. Designed for hazardous area deployment, this unit integrates directly into 1701/05 or 1701/06 terminal bases and operates reliably across demanding temperature and humidity environments.

Technical Specifications

Electrical Performance Input voltage range: +18 Vdc to +36 Vdc Nominal inrush current: 30 A peak Fusing: 250 V, 3 A, SB Isolation voltage: 850 Vdc primary to chassis (1 minute) Overvoltage protection: No damage to 50 Vdc Input conductor size: 14 to 26 AWG

Physical Dimensions Size: 105 mm × 150 mm × 56 mm (4.1 in × 5.9 in × 2.2 in) Weight: 0.57 kg (1.25 lb) Form factor: Plug-in module for designated power supply slot

Environmental & Operating Limits Operating temperature: -20°C to +70°C (-4°F to +158°F) Storage temperature: -40°C to +85°C (-40°F to +185°F) Operating humidity: 5% to 95% non-condensing RH Storage humidity: 5% to 95% non-condensing RH

Key Features Accepts industrial-range DC input with integrated surge protection Isolated power architecture for safety-critical monitoring applications Compact, slot-mounted design minimizes footprint within terminal bases Certified for North American, European, and Brazilian hazardous areas SB-type fusing for coordinated circuit protection

Typical Applications Machinery condition monitoring in Class I, Division 2 locations Hazardous gas atmosphere installations (Groups A, B, C, D) Industrial vibration and temperature monitoring networks On-site FieldMonitor system expansion and field service

Compatibility & Integration This power supply mates exclusively with Bently Nevada 1701/05 and 1701/06 FieldMonitor Terminal Bases. It occupies a dedicated power module slot and supplies all required voltages to subordinate monitoring cards. Spare fuses (01700025) are stocked for field replacement.

Features & description

From manufacturer datasheet

Features

- 24 V dc FieldMonitor power supply
- Mounts in special slot of 1701/05 or 1701/06 terminal base
- Supplies logic and transducer voltages to installed modules
- Input +18 to +36 V dc
- Over-voltage protection (no damage to 50 V dc)
- Hazardous-area approval options (North America / ATEX class listings per OEM sheet)

1701 Characteristics / Specifications

PARAMETER	VALUE
Model	1701/10 (1701/10-01)
Manufacturer	GE / Bently Nevada
Instrument Type	FieldMonitor 24-volt dc power supply
Host	1701/05 or 1701/06 FieldMonitor Terminal Base
Input Voltage Range	+18 to +36 V dc
Inrush Current	30 A pk nominal
Fusing	250 V, 3 A, SB
Isolation Voltage	850 Vdc primary to chassis, 1 minute
Over Voltage Protection	no damage to 50 V dc
Input Conductor Size	14 to 26 AWG
Dimensions	105 × 150 × 56 mm (4.1 × 5.9 × 2.2 in)
Weight	0.57 kg (1.25 lb)
Operating Temperature	-20 to +70 C
Storage Temperature	-40 to +85 C
Humidity	5% to 95% non-condensing (operating and storage)
OEM Document Family	141479-01
Accessory	spare fuse 01700025 Standard Operating Conditions Install only in the designated power-supply slot of a compatible 1701/05 or 1701/06 base. Observe field wiring conductor size and fuse replacement guidance. Follow hazardous-area drawings when applicable.

1701 Specifications

PARAMETER	VALUE
Key Features	- 24 V dc FieldMonitor power supply
Technical Specifications	Model: 1701/10 (1701/10-01)
Operational Notes	This module supplies the FieldMonitor rack modules; it is not a 3500/15 rack power supply.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	40 to +85 C
Operating temperature	20 to +70 C
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Humidity	5% to 95% non-condensing (operating and storage)
OEM Document Family	141479-01
Accessory	spare fuse 01700025 Standard Operating Conditions Install only in the designated power-supply slot of a compatible 1701/05 or 1701/06 base. Observe field wiring conductor size and fuse replacement guidance. Follow hazardous-area drawings when applicable.

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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OEM Document Family	141479-01
Accessory	spare fuse 01700025
Standard Operating Conditions	
Install only in the designated power-supply slot of a compatible 1701/05 or 1701/06 base. Observe field wiring conductor size and fuse replacement guidance. Follow hazardous-area drawings when applicable.	
Operational Notes	
This module supplies the FieldMonitor rack modules; it is not a 3500/15 rack power supply.	

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

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

Aumictech

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30-day returns
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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.