

Bently Nevada 3500 Series Service Manual

3500/94M 184826-01

1. Description

Part Number: 184826-01

3. Product Information

Part Number: 184826-01

Model: 3500/94M Main Module

Manufacturer: Bently Nevada

Condition: New & Original in Factory Packing

Factory Warranty: 12 Months

Inputs

Power

consumption 4.6 watts max.

High-speed

network

Monitor status, data and

values

RS232 port

(I/O) Touch controller data

Outputs

OK LED Indicates proper operation of

the module

TX/RX LED

Indicates communications

between other system

modules

VGA port (I/O) Analog red, green, blue and

sync signals to the display

Front Port 24 Vdc Power out, VGA signal

out, Touch commands in.

Environmental Limits

Operating

Temperature

-20°C to 65°C

(-22°F to 149°F)

Storage

Temperature

-40°C to 85°C

(-40°F to 185°F)

Humidity 95%, non-condensing

Compliance and Certifications

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

1. This device may not cause harmful

interference.

2. This device must accept any interference

received, including interference that may

cause undesired operation.

EMC

Standards

EN 61000-6-2

EN 61000-6-4

Directive

2014/30/EU

Electrical

Safety

Standards

CSA C22.2 61010-1

UL EN 61010-1

Directive

2014/35/EU

RoHS Directive

2011/65/EU

Dimensions

(height x

width x

depth)

241.3 mm x 24.4 mm x 241.8 mm

(9.5 in x 0.96 in x 9.52 in)

Weight 0.73 kg (1.6 lb.)

Rack Space Requirements

Monitor Module

Rack space 1 full-height front slot

Ordering Considerations

Firmware, Software, and Hardware

Requirements

The 3500/94M requires the 3500/22 Transient

Data Interface (TDI) module. It also requires

these or newer versions of the following

firmware and software:

3500/94M Firmware 4.06, Rev. C

3500/22 Firmware (TDI) Rev 1.71

3500/01 Software (Rack

Config) Rev 5.6

3500/02 Software (Op

Display) Rev 2.21

3500/03 Software (Data

Acquisition) Rev 1.22

The 3500/94M requires the following hardware:

3500/22 TDI - Transient Data Interface

