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/0) 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