

Ordering Considerations

If you add the 3500/65 to an existing 3500 System your system will require the following or later firmware and software versions:

3500/22 Module Firmware	Revision 1.50
3500/01 Software	Version 3.85
3500/02 Software	Not supported*
3500/03 Software	Not supported*
3500/93 Module Firmware	Revision 2.02
System 1 Software	Revision 5.2 with Service Pack 2 or later



*Attempting to use the 3500/65 with 3500/02 or 3500/03 software may prevent proper operation of the software.

You cannot use external termination blocks with internal termination I/O modules.

When ordering I/O Modules with external terminations, you must order the external termination blocks and cables separately.

When ordering I/O Modules for use with 4-Wire RTDs, order with Modification 179952-01. For further information, see the 3500/65 User Guide.



This will result in an I/O Module Mismatch and 562 ADC Failure in the System Event List.

Ordering Information



For the detailed listing of country and product-specific approvals, refer to the [Approvals Quick Reference Guide \(108M1756\)](#).

For additional technical documentation, please log in to bntechsupport.com and access the Bently Nevada Media Library.

3500/65-AA-BB

A: I/O Module Type

01	RTD/Isolated Tip TC with Internal Terminations
02	RTD/Isolated Tip TC with External Terminations

B: Agency Approval Option

00	None
01	CSA/NRTL/C
02	CSA/ATEX



Agency Approval Option B 02 is only available with Ordering Option A 01.

External Termination Block

172115-01	RTD/Isolated Tip TC External Termination Block (Euro Style connectors).
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Cables

3500/65 Transducer (XDCR) Signal to External Termination (ET) Block Cable

134544-AAAA-BB

A: Cable Length

0005	5 feet (1.5 metres)
0007	7 feet (2.1 metres)
0010	10 feet (3 metres)
0025	25 feet (7.5 metres)
0050	50 feet (15 metres)
0100	100 feet (30.5 metres)

B: Assembly Instructions

01	Not Assembled
02	Assembled

Spares

Part Number	Description
172931	3500/65 User Guide
145988-02	3500/65 Monitor
172103-01	3500/65 RTD/Isolated Tip TC I/O Module, Internal Terminations
173005	Connector Header, Internal Termination, 20-position, Black
172109-01	3500/65 RTD/ Isolated Tip TC I/O Module, External Terminations
172115-01	RTD/Isolated Tip TC External Termination Block (Euro Style Connectors) Specifications



When replacing an older I/O module with a newer one, 172109-01 Rev D, 172103-01 Rev F, 172115-01 Rev E, or future revisions; it is necessary to upgrade the firmware to the monitor with the latest released version. You must remove the I/O module before upgrading the monitor to the latest firmware. Failure to do this will result in an I/O Module Mismatch and 562 ADC Failure in the System Event List.