
Monitor Module

Dimensions

(Height x Width
x Depth)

241.3 mm x 24.4 mm x 241.8 mm
(9.50 in x 0.96 in x 9.52 in).

Weight

0.91 kg (2.0 lb.).

I/O Modules

Dimensions

(Height x Width
x Depth)

241.3 mm x 24.4 mm x 99.1 mm
(9.50 in x 0.96 in x 3.90 in).

Weight

0.45 kg (1.0 lb.).

Rack Space Requirements

Monitor Module

1 full-height front slot.

I/O Modules

1 full-height rear slot.

Ordering Considerations

The following (or newer) is required to use the Aeroderivative channel type:

3500 Rack Configuration Software – Version 2.50

The following (or newer) is required to use the Prox/Velom I/O:

3500 Rack Configuration Software – Version 3.0

The following (or newer) is required to use the Aeroderivative2 channel type:

3500 Rack Configuration Software – Version 3.3

The following (or newer) is required for Multimode Aeroderivative applications:

3500/44M Module Firmware – Version 2.41

3500/01 Software – Version 3.87

Multimode applications that will use hardware contacts to change monitor modes require:

3500/44M Module Hardware – Revision S or newer Multimode I/O modules.

Multimode applications that will use software commands to change monitor modes require:

3500/22 Module Firmware – Version 1.32 or newer

3500/92 Module Firmware – Version 1.16 or newer

Multimode applications incorporating the 3500/94 Display require:

3500/22 Module Firmware – Version 1.60 or newer

3500/94 Module Firmware – Version 2.30 or newer

Multimode applications will have the following restrictions:

System1[®] Software – Supported as Custom Monitors only.

3500 Data Acquisition – Historical trending not supported.

When ordering I/O Modules with External Terminations, the External Termination Blocks and Cable must be ordered separately for each I/O Module.

A multimode recorder ET block must be used with an external termination multimode I/O module, and a 129525 signal cable is used to connect these components. The ET block provides recorder outputs and mode inputs.

Ordering Information

Aeroderivative Monitor

3500/44-AXX-BXX

A: I/O Module Type

- | | |
|-----------|--|
| 01 | Aero GT I/O Module with Internal Terminations |
| 02 | Aero GT I/O Module with External Terminations |
| 03 | Bussed TMR I/O Module with External Terminations |
| 05 | Prox/Velom I/O Module with Internal Terminations |
| 06 | Prox/Velom I/O Module with External Terminations |
| 07 | Multimode Prox/Velom I/O Module with Internal Terminations |

0 8 Multimode Prox/Velom I/O
Module with External
Terminations

Multimode Recorder Output and
Mode Input External Termination
Block (Terminal Strip connectors).

B: Agency Approval Option

0 0 None
0 1 CSA/NRTL/C (Class I, Div 2)
0 2 ATEX/CSA (Class I, Zone 2)

128710-01

Recorder External ET Module
(Terminal Strip connectors).

Note: Agency Approval Option B 02 is only
available with Ordering Options A 01, A 05, A 07,
and A 08.

132234-02

Bussed Aero GT ET Module
(Terminal Strip connectors).

External Termination (ET) Blocks

125808-03

Aeroderivative ET Block (Euro
Style Connectors)

125808-08

Prox/Velom External Termination
Block (Euro Style connectors).

125808-11

Multimode Prox/Velom External
Termination Block (Euro Style
connectors).

125808-13

Multimode Recorder Output and
Mode Input External Termination
Block (Euro Style connectors).

128702-01

Recorder External ET Module
(Euro Style connectors).

132242-02

Bussed Aero GT ET Module (Euro
Style connectors).

128015-03

Prox/Velom ET Block

128015-08

Aeroderivative ET Block (Terminal
Strip Connectors).

128015-11

Multimode Prox/Velom External
Termination Block (Terminal Strip
connectors).

128015-13

External Termination Cables

**Transducer (XDCR) Signal to External Termination (ET)
Block Cable**

129525-AXXXX-BXX

A: Cable Length

0 0 0 5 5 feet (1.5 metres)
0 0 0 7 7 feet (2.1 metres)
0 0 1 0 10 feet (3.0 metres)
0 0 2 5 25 feet (7.5 metres)
0 0 5 0 50 feet (15 metres)
0 1 0 0 100 feet (30.5 metres)

B: Assembly Instructions

0 1 Not assembled
0 2 Assembled

Recorder Output to External Termination (ET) Block Cable

129529-AXXX-BXX

A: Cable Length

0 0 0 5 5 feet (1.5 metres)
0 0 0 7 7 feet (2.1 metres)
0 0 1 0 10 feet (3.0 metres)
0 0 2 5 25 feet (7.5 metres)
0 0 5 0 50 feet (15 metres)
0 1 0 0 100 feet (30.5 metres)

B: Assembly Instructions

0 1 Not assembled
0 2 Assembled
0 0 0 5 5 feet (1.5 metres)

Spares

176449-03

3500/44M Aeroderivative Monitor.

143490-01

3500/44M Aeroderivative Manual.

126599-01