

# ControlLogix Analog Servo Modules, Firmware Revision 18

Catalog Numbers 1756-HYD02, 1756-M02AE, and 1756-M02AS

## When To Use These Release Notes

Use these release notes for information about firmware revisions.

Module	Cat. No.	Firmware Revision
ControlLogix 2-axis Hydraulic Servo Module	1756-HYD02	18.01
ControlLogix 2-axis Analog Encoder Servo Module	1756-M02AE	18.01
ControlLogix 2-axis Analog SSI Servo Module	1756-M02AS	18.01

### IMPORTANT

Before updating your ControlLogix Analog Servo Modules, we strongly recommend that you review information pertinent to previous major firmware revisions. For example, when updating from revision 17.xx to 18.xx, view information in the ControlLogix Analog Servo Modules, Revision 17 Release Notes, publication 1756-RN656, in addition to the content of these release notes.

For more information, see the ControlLogix Analog Servo Modules, Firmware Revision 17 Release Notes, publication [1756-RN656](#).


## Compatible Versions of Software

To use firmware revisions 18.01, the following minimum software versions are required.

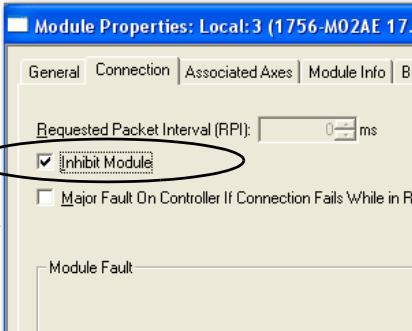
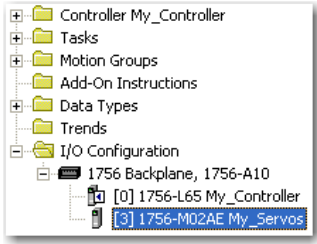
Software	Required Version
RSLinX Classic	2.56 (CPR 9, SR2)
RSLinX Enterprise	5.21(CPR 9, SR2)
RSLogix 5000	18.00 (CPR 9, SR2)
ControlLogix controller	18.11
RSNetWorx for ControlNet	10.00 (CPR 9, SR2)
RSNetWorx for DeviceNet	
RSNetWorx for EtherNet/IP	

## Before You Begin

ATTENTION



Before you upgrade the firmware of your module, you must inhibit the module.



This disables the axes and makes updating the module easier.

## Known Anomalies

This anomaly has been identified with the ControlLogix 2-axis Analog SSI Servo Module, catalog number 1756-M02AS, firmware revision 18.01.

### Known Anomalies with Firmware Revision 18

Anomaly	Description
If you issue an Absolute Feedback Offset it results in a Feedback Fault	<p>If you issue an Absolute Feedback Offset via a Set System Value (SSV) instruction on the 1756-M02AS module, the result is a feedback fault. The feedback fault occurs regardless of whether feedback is on or off.</p> <p><b>IMPORTANT:</b> This anomaly affects the 1756-M02AS module only.</p> <p>Lgx00076298</p>

## Additional Resources

For more information on using the ControlLogix Analog Servo Modules, see the publications listed in the following table.

Publication Title	Publication Number
ControlLogix Hydraulic Servo Module User Manual	<a href="#">1756-UM525</a>
ControlLogix Analog Servo Modules, Firmware Revision 17 Release Notes	<a href="#">1756-RN656</a>
SERCOS Motion Configuration and Startup User Manual	<a href="#">MOTION-UM001</a>

You can view or download Rockwell Automation publications at:

<http://literature.rockwellautomation.com>

# Rockwell Automation Support

Rockwell Automation provides technical information on the Web to assist you in using its products. At <http://support.rockwellautomation.com>, you can find technical manuals, a knowledge base of FAQs, technical and application notes, sample code and links to software service packs, and a MySupport feature that you can customize to make the best use of these tools.

For an additional level of technical phone support for installation, configuration, and troubleshooting, we offer TechConnect support programs. For more information, contact your local distributor or Rockwell Automation representative, or visit <http://support.rockwellautomation.com>.

## Installation Assistance

If you experience a problem within the first 24 hours of installation, please review the information that's contained in this manual. You can also contact a special Customer Support number for initial help in getting your product up and running.

United States	1.440.646.3434 Monday – Friday, 8 a.m. – 5 p.m. EST
Outside United States	Please contact your local Rockwell Automation representative for any technical support issues.

## New Product Satisfaction Return

Rockwell Automation tests all of its products to ensure that they are fully operational when shipped from the manufacturing facility. However, if your product is not functioning and needs to be returned, follow these procedures.

United States	Contact your distributor. You must provide a Customer Support case number (call the phone number above to obtain one) to your distributor in order to complete the return process.
Outside United States	Please contact your local Rockwell Automation representative for the return procedure.

Allen-Bradley, ControlLogix, Rockwell Automation, and TechConnect are trademarks of Rockwell Automation, Inc.

Trademarks not belonging to Rockwell Automation are property of their respective companies.

**[www.rockwellautomation.com](http://www.rockwellautomation.com)**

### Power, Control and Information Solutions Headquarters

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444

Europe/Middle East/Africa: Rockwell Automation, Vorstlaan/Boulevard du Souverain 36, 1170 Brussels, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640

Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846

Publication 1756-RN670A-EN-P - January 2010

PN-67486

Copyright © 2010 Rockwell Automation, Inc. All rights reserved. Printed in the U.S.A.