



# RSLogix 5000 Software When Used With 1794-IE12 Analog Input Modules

## About This Publication

The purpose of this release note is to inform you of an anomaly that exists with RSLogix 5000 Software Version 15.01 when used with 1794-IE12 Analog Input Module, Series A, and provide you with a workaround until the software can be corrected and available. Rockwell Automation shipped the RSLogix 5000 Software, version 15.01 product since July 2005.

## Anomalies

The 1794-IE12 Analog Input Module Series A, when used with RSLogix 5000 Software, version 15.01, the following functional issue exists:

Range values which were correct in RSLogix 5000 Software, version 15.00 are incorrectly displayed in RSLogix 5000 Software, version 15.01.

In RSLogix 5000 version 15.00, the range descriptions on the configuration tab of the module properties page for this module were correct as shown below.

Input Channel	Voltage/Current Range
0 - 1	None ▼
2 - 3	0 to 20 mA ▼
4 - 5	4 to 20 mA ▼
6 - 7	-10 to 10 V ▼

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The correct data values displayed in the ControlLogix Input tag associated with the 1794-IE12 for the current ranges are as follows:

<b>Current Input</b>	<b>0 to 20 mA Range</b>	<b>4 to 20 mA Range</b>
0.0 mA	0	-7710
4.0 mA	6242	0
20.0 mA	31208	30840

In RSLogix 5000 version 15.01, the ranges for this module are incorrectly displayed as shown below.

Input Channel	Voltage/Current Range
0 - 1	None
2 - 3	4 to 20 mA
4 - 5	(0 to 10 V) / (0 to 20 mA)
6 - 7	-10 to 10 V

Actual 0-20 mA range. →

Actual 4-20 mA range. →

The ranges for 4 to 20 mA and 0 to 20 mA are reversed. In addition, a range of 0 to 10V does not exist for this module.

The incorrect data values displayed in the ControlLogix Input tag associated with the 1794-IE12 for the reversed current ranges are as follows:

<b>Current Input</b>	<b>Incorrectly Labeled 4 to 20 mA Range</b>	<b>Incorrectly Labeled 0 to 20 mA Range</b>
0.0 mA	0	-7710
4.0 mA	6242	0
20.0 mA	31208	30840

## Temporary Anomaly Workaround

To correct the anomaly, proceed as follows:

1. If the Range desired is 4 to 20 mA. - The 4 to 20 mA range selection text description is incorrect. To select the 4 to 20 mA range, select 0 to 10V/0 to 20 mA in the pulldown.
2. If the Range desired is 0 to 20 mA. - The 0 to 10V/0 to 20 mA range selection text description is incorrect. To select the 0 to 20 mA range, select 4 to 20 mA in the pulldown.

## Alternate Temporary Anomaly Workaround

Reload RSLogix 5000 Software, version 15.00.

### Or

Continue to use RSLogix 5000 Software, version 15.01, with the Generic profile and manually configure the module using the RSLogix 5000 Controller Configuration tags.

This anomaly will be corrected in the next version of the RSLogix 5000 Software which is currently scheduled for release in October 2006.

## 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 with a hardware module 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 module up and running:

United States	1.440.646.3223 Monday – Friday, 8am – 5pm EST
Outside United States	Please contact your local Rockwell Automation representative for any technical support issues.

## New Product Satisfaction Return

Rockwell 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:

United States	Contact your distributor. You must provide a Customer Support case number (see 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 return procedure.

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