

# Industrial Compatibility Program: ROCKWELL AUTOMATION

**PROGRAM: ROCKWELL AUTOMATION AUTHORIZED DISTRIBUTORS / ENCOMPASS PARTNERS**

**APPLICATION: ALLEN BRADLEY PLC COMPATIBILITY**

**SUMMARY:** Dimetix laser distance sensors are the proven choice for non-contact measurement in a wide variety of industrial applications requiring monitoring of distance, position, level, or size. DIMETIX USA also offers Rockwell Automation ENCOMPASS partners and authorized distributors, at no additional cost, assistance in the form of RSLogix sample code and technical support to ease integrations and allow Dimetix laser sensors to interface with Allen Bradley PLCs.

## Overview

Dimetix laser sensors are able to interface with Allen Bradley PLCs by way of an Ethernet/IP RSLogix sample code and support package, available at no additional cost from DIMETIX USA. This support package allows Rockwell Automation authorized distributors and ENCOMPASS partners to easily integrate Dimetix FLS and DLS series laser distance sensors into turnkey solutions for end customers who are accustomed to and appreciate all the benefits offered by the Allen Bradley RSLogix PLC family:

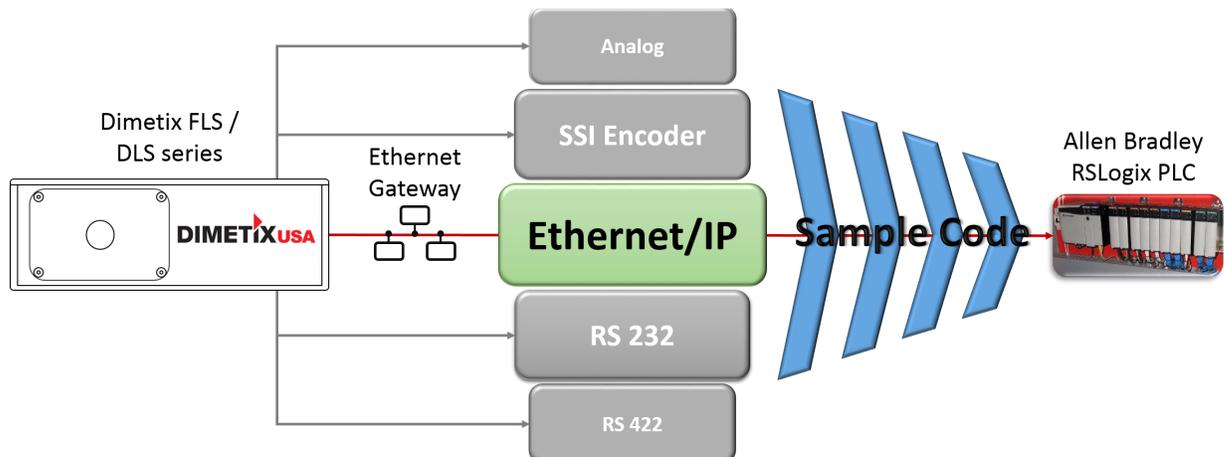
- Flexible, easy-to-use editing features
- Common look-and-feel
- Diagnostics and troubleshooting tools
- Powerful, time-saving features and functionality

**DIMETIX USA**

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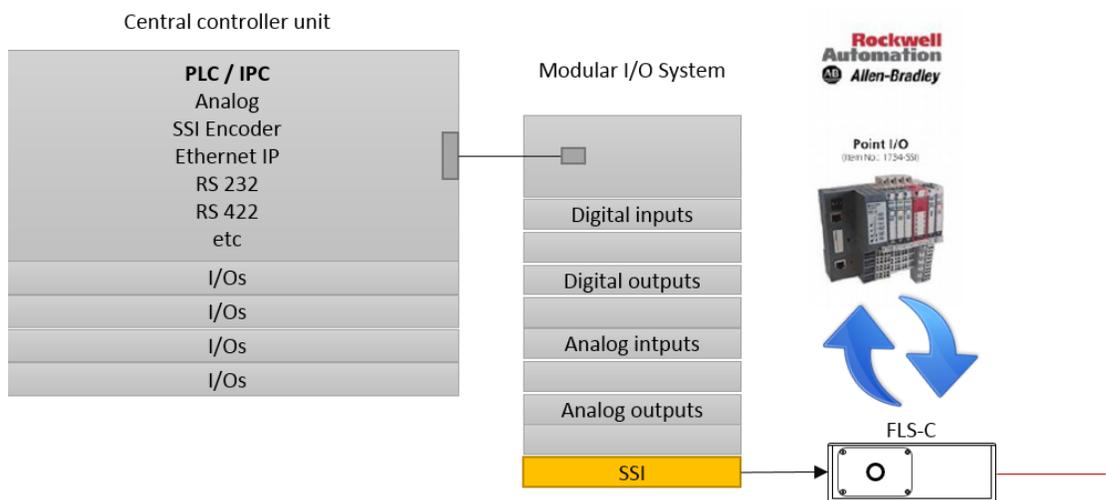


	FLS	DLS
Measuring range	~0.5 ... 500 m	~0.5 ... 150 m
Accuracy @ 2σ (10 Hz)	± 1 mm	± 1.5 mm
Repeatability typ.	± 0.3 mm	± 0.4 mm
Max. measure rate	20 / 200* Hz	6 Hz
Outputs	Analog SSI Encoder Ethernet IP** RS 232 RS 422	Analog Ethernet IP** RS 232 RS 422

\* Not all device protocols can accept the 200 Hz mode

\*\* With a 2-port serial to Ethernet IP gateway

In addition, Dimetix lasers offer FLS-C system integration via SSI with Rockwell Automation / Allen Bradley Point I/O systems



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DIMETIX USA offers the following package to interested Rockwell Automation Authorized Distributors and ENCOMPASS Partners:

- Expert pre- and post-sale automation assistance—we know how to apply Dimetix lasers across the entire industrial sector
- Ethernet IP gateway / SSI integration for Point I/O systems
- Allen Bradley RSLogix sample code
- Various other options, including brackets, cables, controllers, software, and custom accessories by special request

Although not an ENCOMPASS partner, DIMETIX USA has the capabilities and expertise to work closely with Rockwell ENCOMPASS Partners and Authorized Distributors to enable them to provide turnkey solutions. For more information on DIMETIX USA's Industrial Compatibility Program, or anything else regarding Dimetix laser distance sensors, please call us at 484-212-0636, visit [www.dimetix-usa.com](http://www.dimetix-usa.com), or email us at [info@dimetix-usa.com](mailto:info@dimetix-usa.com).