



Landis & Gyr Telegyr 8979F Slave Communication Module

MVI46-LNG

This module is the perfect solution for existing Landis and Gyr Telegyr (8979 Rev. F) master devices requiring Rockwell Automation SLC platform integration. Industries and services that benefit from this integration include:

- Power and distribution applications
- Energy Management Systems
- Water and Gas Applications
- Substation Automation

How to Contact Us: Sales and Support

All ProSoft Technology products are backed with unlimited technical support. Contact our worldwide Technical Support team directly by phone or email:

Asia Pacific

+603.7724.2080, asiapc@prosoft-technology.com
Languages spoken include: Chinese, Japanese, English

Europe – Middle East – Africa

+33 (0) 5.34.36.87.20, support.EMEA@prosoft-technology.com
Languages spoken include: French, English

North America

+1.661.716.5100, support@prosoft-technology.com
Languages spoken include: English, Spanish

Latin America (Sales only)

+1.281.298.9109, latinam@prosoft-technology.com
Languages spoken include: Spanish, English

Brasil

+55-11.5084.5178, eduardo@prosoft-technology.com
Languages spoken include: Portuguese, English

DISCONTINUED

Landis & Gyr Telegyr 8979F Slave Communication Module

MVI46-LNG

The inRAx Landis & Gyr Telegyr Slave Communication Module is an SLC backplane compatible module that allows SLC processors to interface easily with Telegyr Master host devices. SCADA systems supporting this application are commonly found in the power utility industry.

Features and Benefits

The module acts as a communication gateway between the Telegyr 8979 Rev. F version of the protocol and the SLC backplane. The module functions as a Telegyr slave, receiving commands from the host. Data transfer between the module and the processor is asynchronous to the Telegyr network, with the module's internal database being used to exchange data between the processor and the Telegyr network.

General Specifications

- Single Slot – 1746 backplane compatible (Local or extended I/O rack only. Remote rack not supported)
- The module is recognized as an Input/Output module and has access to processor memory for data transfer between processor and module using M0/M1 files
- Ladder Logic is used for data transfer between module and processor
- Configuration data obtained through user-defined ladder. Sample ladder file included

Hardware Specifications

Specification	Description
Backplane Current Load	800 ma @ 5V (from backplane)
Operating Temperature	0 to 60°C (32 to 140°F)
Storage Temperature	-40 to 85°C (-40 to 185°F)
Shock	30g operational, 50g non-operational
Relative Humidity	5 to 95% (non-condensing)
Vibration	5 g from 10150 Hz
LED indicators	Module status, Backplane transfer status, Application status, Serial activity and error LED status

Debug/Configuration port (CFG)

CFG Port (CFG)	RJ45 (DB-9M with supplied cable) RS-232 only
Configuration Connector	RJ45 RS-232 Connector (RJ45 to DB-9 cable shipped with unit)

Application Ports

Application Serial port (PRT1, PRT2) (Serial Modules)	(2) RJ45 RS-232/422/485 Application ports
---	---

Functional Specifications

This module supports the Landis & Gyr Telegyr 8979 Rev F slave protocol to the following specifications:

- Supports two serial ports emulating the protocol, each individually configurable for:
 - Slave Address
 - Communication parameters
 - Timing
- The module supports a database common to both serial ports. The supported point types and their maximum point counts are:
 - Binary Input: 800 points
 - Binary Output: 800 points
 - Analog Input: 300 points
 - Analog Output: 50 points
 - Accumulators: 50 points
 - Indication Points: 800 points

Supported Function Codes

Code	Description
0	Analog Change Report
1	Analog Force Report
2	Analog Group Change Report
3	Analog Group Force Report
5	ADC Reference Force Report
6	Indication Change Report
7	Indication Force Report
11	Digital Input Force Report
12	Accumulator Change Report
13	Accumulator Force Report
20	Analog Report
21	SBO Select
22	SBO Operate
23	Digital Output
24	Accumulator Freeze
25	Pulse Output
26	Pulse Train Output
30	Restart RTU
31	RTU Configuration
32	Time Synchronization
34	Analog Deadbands

Code	Description
35	Analog Group Define
36	Accumulator Preset
37	Continuation Request
38	Repeat Last Message
39	Firmware Configuration

Additional Products

ProSoft Technology offers a full complement of hardware and software solutions for a wide variety of industrial communication platforms.

Visit our web site at <http://www.prosoft-technology.com> for a complete list of products.

Copyright © ProSoft Technology, Inc. 2000 - 2013. All Rights Reserved.
December 16, 2013