



 Class 1, Division 2,
Groups A, B, C, and D Hazardous
Locations.



DISCONTINUED

Landis & Gyr Telegyr 8979F Slave Communication Module

3100-LNG

The ProSoft Landis & Gyr Telegyr Slave Communication Module is a PLC backplane compatible module that allows ControlLogix 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 ProSoft Landis & Gyr Telegyr 8979F Slave Module allows the user to easily configure one or both ports to be Slaves to Landis & Gyr Host based systems.

The 3100-LNG (PLC) Landis & Gyr Slave Module is a single slot solution for the Rockwell Automation 1771 platforms. By providing configurable access to both ports, this product provides previously unavailable functionality and versatility.

Functional Specifications

- Landis & Gyr 8979F implementation of the protocol
- Full radio, modem and Multi-drop support
- Supports RS-232C, RS-422 and RS-485 interfaces
- Communication error codes and counters returned to ladder logic Slave port)
- Configurable character delay to support VSAT packetizing delays
- Configuration via simple ladder logic

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 output
21	SBO select
22	SBO operate

Landis & Gyr Telegyr 8979F Slave Communication Module 3100-LNG

The 3100-LNG can be found in many industrial sectors and in the following applications:

- Foreign device data concentrator
- Power equipment monitoring
- Dam operation
- Station monitoring

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:

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Code	Description
23	Digital output
24	Accumulator freeze
25	Pulse output
26	Pulse train output (hold)
30	Restart RTU
31	RTU configuration
34	Analog deadbands
35	Analog group define
36	Accumulator preset
37	Continuation request
38	Repeat last message
39	Firmware configuration
63	Exception report

Supports broadcast commands from master register

Parameter	Value
Analog inputs/outputs	50 words each
Digital inputs/ outputs	50 words each
Accumulators/ presets	50 words each
Indicator points	50 words
Pulse commands	10 per time period
SBO commands	Limited by processor indirect addressing

Communication parameters

Parameter	Value
Parity :	None, odd, even
Stop bit :	1 or 2
Baud rate :	300 to 38.4K
RTS delays :	1 ms resolution on and off

Hardware Specifications

Specification	Description
Backplane current load	3100 module for PLC 0.65 A
Operating temperature	0 to 60°C (32 to 140°F)
Storage temperature	-40 to 85°C (-40 to 185°F)
Relative humidity	5 to 95% (non-condensing)
LED Indicators	Module status Backplane transfer status Serial port TX/RX activity LED Serial port error LED status

Specification	Description
Application serial ports	DB-25F3100 module RS-232/422/485 jumper selectable RS-422/485 screw termination included (two per module) RS-232 hardware handshaking (RTS/CTS, DTR) 500V optical isolation from backplane

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.

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