

SENTRALINK SERIES

REMOTE MONITORING & CONTROL FOR FLUID SYSTEMS

KEEP INFORMATION FLOWING.

The Elecsys SentraLink series gives you the power to remotely monitor and control fluid management systems from wherever you are. View and control status, levels, flow, pressure and more for water and wastewater management systems all in a full-featured web portal using any web-enabled device.

SentraLink LT hardware can acquire two channels of data from any common sensor or transducer, giving you a 24/7 eye on your system. The SentraLink RC adds remote control capabilities, either manually or triggered by alarm status, ideal for remote field applications. The SentraLink DR offers more channels and with faster sample rate capabilities; up to four analog channels and two digital channels and features high speed sampling (250ms).



ELECSYS SENTRALINK SERIES

Key Features:

- Reliable remote monitoring & control for fluid systems
- See and control status, levels, flow, pressure and more
- Accessible from any web-enabled device
- Continues operating even in power failure

ELECSYS CONNECT

- Data inputs to Elecsys Connect dashboard by schedule or on demand
- 24/7/365 real-time monitoring and control
- Enhanced reporting functions

APPLICATIONS



Monitor municipal, industrial and agricultural water systems



Wastewater level monitoring and pump control



Remote control of pumps and lift stations



Monitor corrosion rates

The Elecsys SentraLink series is an affordable answer to real-time management of fluid systems of any kind.





RUGGED REMOTE MONITORING

Cost-effective communications fees, low initial costs, and long service life make the SentraLink series an ideal solution for fluid management.




Elecsys SentraLink series benefits:

- Alarm notification and automated response actions 24/7/365
- Graphical and tabular data display options
- Accessible via secure web portal or Elecsys Connect app
- Unlimited lifetime customer service and tech support

MAJOR MARKETS

-  CITY WATER SUPPLY
-  MUNICIPAL WASTEWATER SYSTEMS
-  AGRICULTURAL IRRIGATION
-  LIVESTOCK WASTEWATER MANAGEMENT

PRODUCT SPECIFICATIONS

			
	SentraLink LT	SentraLink RC	SentraLink DR
Part Number	GSM cellular telemetry: SL-LT-N3	Verizon CAT-M Cellular: SL-RC-N7 AT&T LTE-M Cellular: SL-RC-N8	Verizon cellular telemetry: SL-DR-N7 AT&T cellular telemetry: SL-DR-N8 IDP satellite telemetry: SL-DR-S3 External cell antenna kit: 48-0003-21
Input Connections	0-5 Volt 3-wire sensor (1% of measurement accuracy and 1mV resolution) 0-10 Volt 3-wire sensor (1% of measurement accuracy and 1mV resolution) 4-20mA 2-wire sensor (1% of measurement accuracy and 1mV resolution) 4-20mA 3-wire sensor (1% of measurement accuracy and 1mV resolution) Digital dry-contact status Pulse accumulation		Channels 1 – 4: Sensor excitation voltage 24VDC 1-5 Volt 3-wire sensor (1% of measurement accuracy and 1mV resolution) 1-10 Volt 3-wire sensor (1% of measurement accuracy and 1mV resolution) 4-20 mA 2-wire sensor (1% of measurement accuracy and 1uA resolution) 4-20 mA 3-wire sensor (1% of measurement accuracy and 1uA resolution)
		Relay I/O: (2) Normally open or normally closed control relay circuits (up to 240VAC or 30VDC control voltage)	Channels 5 and 6 – Digital inputs configurable for dry-contact alarm or status reporting (normally open or normally closed), or for pulse accumulation (supports daily and/or monthly billing cycle accumulation and reset)
Sample Frequency	1 min, 10 min, 1 hour, 4 hours, 8 hours, 12 hours, 1 day		Independently selectable for all channels: 250ms, 500ms, 1sec, 10sec, 30sec, 1min, 10min, 1hr, 4hrs, 8hrs, 12hrs, 24hrs
Power	10-25VAC 9-30VDC		10-35VDC or 12-25VAC external power input Internal rechargeable NiCd battery pack provides backup power for alarm notification in the event of a power failure Power consumption: 1.8W @15V typical, 20W transmitting
	Primary Lithium Thionyl Chloride internal battery		
Operating Environment	Temperature: -40°C to +85°C Humidity: 0-95% non-condensing		Temperature: -30°C to +70°C Humidity: 0-95% non-condensing
Enclosure	NEMA 4X polycarbonate; 4.8 x 4.5 x 4.1 inches (12,2 x 11,5 x 10,5 cm)		Lockable NEMA 4X polycarbonate; 6.5" (155mm) x 8.5" (215mm) x 4" (102mm)
Installation	Built-in mounting tabs 7' (2.1m) color coded connection cable		Universal brackets included for mounting inside a cabinet, pole mount, or post mount Connection cables: 1 ea. 7' (2.1m) power cable, 1 ea. 7' (2.1m) measurement cable



“KNOWING WHAT’S GOING ON WITH THE WATER SYSTEM IS CRUCIAL TO KEEPING THE WHOLE OPERATION RUNNING SMOOTHLY.”

Manufactured in the USA

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Elecsys International

846 N. Mart-Way Ct.
Olathe, KS 66061
913-647-0158
www.elecsyscorp.com

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