GASTRONICS
True Wireless® Gas Detection Technology

Corporate 23660 Miles Road, #110 • Cleveland, OH 44128
Office: 216-662-4899 • FAX: 216-662-4999

Sales 75 Marine Street • Saint Augustine, FL 32084
Office: 832-948-9056

www.gastronics.com

Model SLX Gas Detector

Introduction

SLX transmitters by Gastronics, Inc. are designed to measure gases using electrochemical sensors from a variety of industry leading manufacturers to ensure versatility, quality, and performance. Our sensors are selected based on their superior stability in the presence of changes in temperature and humidity, longevity, response time, chemical selectivity, fast warm-up time, and alertness.

Key Features

- All Transmitters are housed in a powder coated, light weight, aluminum enclosure with a conductive polymer sensor housing and splash guard.
- LCD Wide Temperature Graphic Display
- 4-20mA Outputt
- RS485 Modbus Output
- Dual Port Access (3/4”NPT)
- Independent Zero and Span
- Type 4X / IP66 Enclosure
- 2-Wire Loop Powered

Key Benefits

- LCD Display is field replaceable and from main board resulting in future cost savings.
- 4-20mA and RS485 Modbus output can operate simultaneously.
- Non-Intrusive Calibration
- Fast Warm-Up Time
- Robust construction, ideal for harsh environments
- Sensor and Splash Guard made from conductive polymers for maximum RFI/EMI shielding.
- Available for toxic gases in non-hazardous locations without flame arrestor, including chlorine, chlorine dioxide, phosgene. (See individual sensor data sheets.)

NO.	REVISION	BY	DATE

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DRAWN BY:	B.D.	DATE:	
CHECKED BY:		DATE:	
APP BY:		DATE:	
APP BY:		DATE:	

MODEL
SLX

SCALE	DWG.	REV.
NONE	1-0	1

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Model SLX Technical Specification

MAIN ENCLOSURE:	Powder Coated Aluminum, 3/4" NPT x 3 Ports
ENCLOSURE DIMENSIONS:	4.5"W x 4.96"L x 5.03"H (Does not include mounting tabs)
MOUNTING OPTIONS:	Direct Bolt
DISPLAY:	2 line by 16 character: -40°C to +70°C, Field Replaceable LCD Display
MENU:	Non-Intrusive with Magnet Tool, Menu driven display, LED Heartbeat
SENSOR INPUT OPTIONS:	Electrochemical
SAMPLING METHOD:	Diffusion
CALIBRATION:	Menu Driven, Pass Code Protected, Non-Intrusive with Magnet Tool
STANDARD ON BOARD I/O:	4-20mA 2-Wire Output, RS485 (Modbus-RTU)
INPUT VOLTAGE:	10-28VDC
NOMINAL CURRENT DRAW:	25mA Max
OPERATING TEMPERATURE:	-40°C to 65°C
WIRING:	2-Wire, 4-20mA
CERTIFICATIONS:	Enclosure only, FM/CSA Class I, Division 1, Gr. BCD, Temp: T5, Type-4X/IP66
***WARRANTY:**	One Year - See details in Gastronics' warranty statement.

Model SLX Sensor Specification

SENSOR LIST	RANGE	OP TEMP	OP RH NC	T50	T90	Exp. Life	Warranty
O2 - EIChem	0.0-25.0%	-40 to 60C	15 to 90%	<15 sec	<30 sec	36 mos	18 mos
NH3 - EIChem	0-100 ppm	-40 to 40C	15 to 90%	<60 sec	<90 sec	>24 mos	12 mos
CO - EIChem	0-100 ppm	-40 to 55C	15 to 90%	<10 sec	<30 sec	48 mos	12 mos
CL2 - EIChem	0.0-20.00 ppm	-20 to 50C	15 to 95%	<20 sec	<30 sec	>24 mos	12 mos
H2S - EIChem	0-100 ppm	-40 to 65C	10 to 95%	<10 sec	<30 sec	48 mos	24 mos
CLO2 - EIChem	0-100% LEL	-20 to 40C	15 to 95%	<30 sec	<90 sec	>24 mos	12 mos
SO2 - EIChem	0.0-20.0 ppm	-20 to 50C	15 to 90%	<20 sec	<45 sec	24 mos	12 mos
NO - EIChem	0-100 ppm	-15 to 40C	20 to 90%	<10 sec	<20 sec	>24 mos	12 mos
NO2 - EIChem	0.0-50.0 ppm	-20 to 40C	15 to 90%	<10 sec	<30 sec	>24 mos	12 mos
HCN - EIChem	0.0-30.0 ppm	-40 to 40C	15 to 90%	<25 sec	<50 sec	>18 mos	12 mos
COCL2 - EIChm	0.00-3.00 ppm	-20 to 40C	15 to 90%	<60 sec	<120 sec	12 mos	7 mos

Specifications subject to change without notice.

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SCALE	DWG.	REV.
NONE	1-0	1