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-F Gas Detector

Introduction

SLX-F Explosion Proof 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
- RS232 Modbus Output
- Dual Port Access (3/4”NPT)
- Independent Zero and Span
- IP66/Explosion Proof
- 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 are 316 Stainless Steel
- Certifications include CSA Class I, Div. 1, (ATEX/IEXEx Pending)

NO.	REVISION	BY	DATE

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

MODEL
SLX-X-F

SCALE	DWG.	REV.
NONE	1-0	1

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Model SLX-F 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:	With Flame Arrestor: CSA CL I, Div 1, Gr. BCD, ATEX/IECEx Pending, Type 4X
***WARRANTY:**	One Year - See details in Gastronics' warranty statement.

Model SLX-F Sensor Specification

SENSOR LIST	RANGE	OP TEMP	OP RH NC	T90 no FA	T90 w/FA	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	-20 to 50C	15 to 90%	<30 sec	<50 sec	48 mos	24 mos
NO2 - EIChem	0.0-20.0 ppm	-15 to 40C	15 to 90%	<20 sec	<45 sec	>24 mos	12 mos
H2S - EIChem	0-100 ppm	-40 to 65C	10 to 95%	<30 sec	<60 sec	48 mos	24 mos
NO - EIChem	0-100 ppm	-20 to 40C	20 to 90%	<30 sec	<50 sec	>24 mos	12 mos
SO2 - EIChem	0.0-20.0 ppm	-20 to 50C	15 to 90%	<25 sec	<50 sec	24 mos	12 mos

Specifications subject to change without notice.

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