

FPA 4100

PRODUCT SPECIFICATIONS

GALVANIC
APPLIED SCIENCES

PERFORMANCE

Accuracy	± 2% F.S.
Repeatability	± 2% F.S.
Linearity	± 2% F.S.
Zero Drift	± 2% F.S. With Daily Auto-Zero [Performance is Application-Specific]
Response Time	T90:30 Seconds
Method/Technology	UV-VIS Photometry

MEASURED COMPONENTS	HIGH RANGE	LOW RANGE
H2S	0- 500ppm	0- 10ppm
SO2	0- 5%	0- 1500ppm

ENVIRONMENT

Ambient Conditions	-20 to 50°C (-4° to 123° F) 0 to 95% Non-Condensing
Installation	Indoors or Suitable Enclosure
Dimensions/Weight	ATEX / IECEx Model: 1,270 x 686 x 298 [50"W x 27"H x 12"D] / 105 kg. (230 lbs.) Div. 2 Model: 610 x 400 x 25 mm [24"W x 16"H x 10"D] / 30 kg. (66 lbs.)
Enclosure Materials	ATEX / IECEx Model: Cast Aluminium Div. 2 Model: Painted 304 Stainless Steel

UTILITIES

Power / Consumption	10 to 36 VDC or 90 to 240 VAC, 50/60 Hz, 30 Watts
Sample Conditions	10 to 30 psig, 100 to 500 cc/min
Zero Sample	Gas-Phase: 0.5- 1 L/min Instrument Air or Nitrogen Liquid Phase: 200 ml/min DI Water

COMMUNICATIONS

Analog Outputs / Inputs	6 x 4-20mA Outputs [Loop Powered], 2 x 4-20mA Inputs [Loop or Self-Powered]
Modbus	Modbus TCP/IP, RS232, RS485; PC GUI
Digital Outputs / Inputs	8 Discrete Inputs
Human Machine Interface	Monochrome LCD With Extendable Keypad
Relays	6 x SPOT Relays

CERTIFICATIONS

North America	Class I Div. 2 Groups BCD T3
ATEX / IECEx	 Ex db [ia Ga] IIB+H2 T4 Gb Tamb=-20C to +SOC