

# FALCO

## Technical Specifications and Pricing

### Sensor

- Photoionization with 10.6 eV lamp

### DETECTION RANGES AND

#### SENSITIVITY

- 10.0 ppm\* 0.001 ppm
- 50.0 ppm\* 0.01 ppm
- 1000 ppm\* 0.1 ppm
- 3000 ppm\* 1 ppm

### DETECTION TIME (T90)

- <30 seconds (diffused)\*\*

### USER INTERFACE

- Display: OLED high contrast white on black: 128 (w) x 64 (h) pixels
- Screen size: 35 mm (w) x 17.5 mm (h)
- 5 magnetic switches with LED confirmation (up, down, left, right & enter). Magnetic actuator supplied.



Diffused Model

### STATUS INDICATOR

- Bright visible status indicator:

RED, AMBER, GREEN

### CERTIFICATION

- II 2G Ex d ib IIC T4 Gb
- Class 1, Div 1 Groups ABCD T4
- ISO9001:2008

### ENVIRONMENTAL SPECIFICATION

- Without pump: -40°C to 60°C (-40°F to 140°F)
- With pump: -20°C to 60°C (-4°F to 140°F)
- 0-100% RH and condensing humidity

### MECHANICAL INTERFACE

- 2 x cable entry points with 3/4" NPT threads (left and right)
- 2 x 3/4" NPT to M20
- Stainless steel (supplied)

### DIMENSIONS

- Without pump: 200 (h) x 190 (w) x 125 (d) mm
- With pump: 290 (h) x 190 (w) x 125 (d) mm

### MOUNTING POINTS

- 2 x M8

### INPUT POWER

- Working voltage: 12 to 40 Vdc
- Max. power: 7 watts



Pumped Model

Falco VOC System	Description	Price
FAXSXBXX-10D	Falco 0.001-10ppm Diffused	\$5,610.00
FAXSXBXX-50D	Falco 0.01-50ppm Diffused	\$4,540.00
FAXSXBXX-1000D	Falco 0.1-1000ppm Diffused	\$3,550.00
FAXSXBXX-3000D	Falco 1-3000ppm Diffused	\$3,080.00
FAXSXBXX-10P	Falco 0.001-10ppm Pumped	\$6,130.00
FAXSXBXX-50P	Falco 0.01-50ppm Pumped	\$5,100.00
FAXSXBXX-1000P	Falco 0.1-1000ppm Pumped	\$4,070.00
FAXSXBXX-3000P	Falco 1-3000ppm Pumped	\$3,610.00

Calibration & Repair	Description	Price
INSPECT	Inspection Fee As No Work Carried Out	\$200.00

\* Based on Isobutylene gas

\*\* When set to continuous measurement Modbus® is a registered trademark of Schneider Electric

## FALCO ACCESSORIES

Falco Access.	Description	Price
846216	MiniPID Electrode Stack Removal Tool	\$6.00
873201	Calibration Adaptor	\$200.00
873202	Magnetic Actuator	\$180.00
873206	Sensor Cover	\$210.00
873207	Light Guard	\$30.00
873208	O-Ring Small (PID mating seal)	\$10.00
873209	O-Ring Large	\$10.00
873210	PTFE Filter Disc	\$10.00
873211	O-Ring Holder	\$10.00
873222	Housing PID Falco - Pumped	\$440.00
873223	Bracket Pump Mounting Falco	\$700.00
873224	Housing Pump Falco	\$220.00
873300	Software VOC Log Falco NO DISCOUNT	\$1,150.00
5/JHS-14	Fitting Barbed M5 Pumped Falco	\$100.00
LA4SFL3.2	Falco Long Life Lamp (3.2V to 3.6V) 10.6eV	\$300.00
MP6SM6FWXU2	MiniPID 2 Falco White	\$1,020.00
MP6SM6FOXU2	MiniPID 2 Falco Orange	\$1,020.00
A-31063	PID Lamp Cleaning Kit	\$60.00
A-846627	Falco Electrode Stack White	\$50.00
A-846629	<b>NOTE.</b> Use with Falco 10ppm and 1,000ppm Falco Electrode Stack Orange	\$50.00
A-873227	<b>NOTE.</b> Use with Falco 50ppm and 3,000ppm Kit O-Ring Replacement Pumped Falco	\$220.00
A-873228	Kit Pump Replacement Pumped Falco	\$380.00
A-873230	Kit Flow Adaptor Falco (Diffusion)	\$240.00