

SENSOR ASPIRATOR UNIT

TYPE ASU-2

Specification Sheet
ref C1547-F

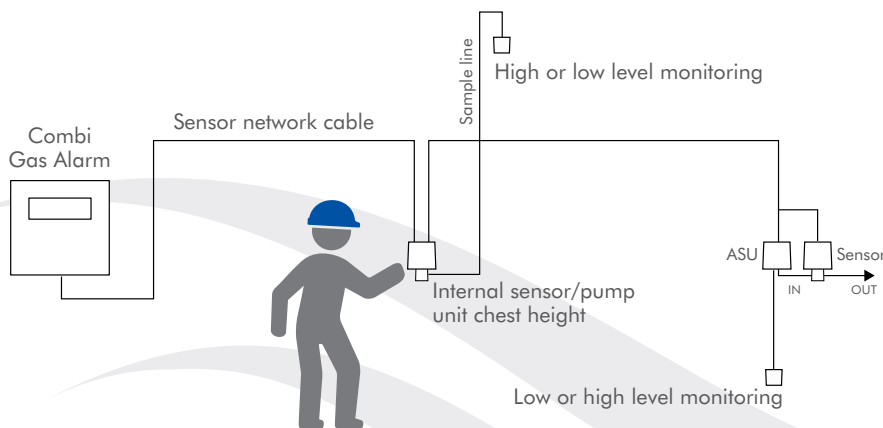


PUMP/FLOW MONITOR

| | |
|---------------------------|---|
| Input | 24v DC \pm 20% 170mA |
| Flow Rate | 2.5 litres/min |
| Continuous Running | Pump motor – 6 years expected Diaphragm – 3 years in air |
| Flow Fail Monitor | Green LED – normal operation Red LED – pipe blockage (FF) Red LED – pump fail (PF) Sounder – not less than 85dB @ 30cm |
| Outputs | Relay S.P.C.O 1 Amp @ 230vAC – PF/FF/PF+FF Selectable 5/12vDC NE or DE Factory set – open drain |
| Sample Line | 6mm OD 4mm ID Max length – 100m, min – 1m Material – nylon, polypropylene, PTFE |
| Couplings | In/out – push fit – barbed |

ENCLOSURE

| | |
|----------------------|--|
| Type | 30J deep - safe area use only |
| Protection | IP65 |
| Dimensions | H-145 W-147 D- S55 / D90 |
| Material | ABS flame retardent FR40 Lid screws M4SS |
| Finish | Signal white RAL 9003 |
| Weight | 600gms |
| Entries | Rear 5-20mm knock outs Bottom 2-20mm knock outs Top, sides - not specified |
| Fixing | Standoffs - M4 or No.8 screws Drill at (C) when standoffs removed Conduit box - drill at (A) 4.5mm Surface mount box - drill at (B) 4.5mm |
| EU Design No. | 01359723-0001 |



Sensor/Transmitter

To accommodate on board sensor/transmitter and larger pumps a deep box is required - see ASU-2 ref C1547

Mounting/Position

The pump sensor unit should be mounted at chest height with the sample line travelling to the chosen target area at either maximum height for lighter than air gases or minimum low level (100mm) for heavier than air gases. A filter (Part no. 008-212) should be attached to the pipe end where high levels of particulates may be present.

Field Terminals

| | | | | | | |
|-------|-------|----|-----|---|----|----|
| Relay | 24vDC | IN | OUT | | | |
| NC | C | NO | + | - | FF | PF |

Signal Out Jumper Selection

| | | | | |
|-----|----|---------|----|-----|
| FF | FF | FF + PF | PF | PF |
| 12v | 5v | NE | CO | NE |
| 12v | 5v | | | 12v |
| | | | | 5v |



C1539



This document is not contractual and the equipment specification may be modified at any time without prior notice.

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