

## Midas® Package

Gas Detection System Packages

GAS DETECTION



**Description:** The Midas® Package comes complete with two gas detectors and a two channel HA20 controller.

Midas® is a universal transmitter platform that detects the majority of toxic, ambient and flammables gases that must be monitored in a typical industrial process environment. The pre-calibrated “plug and play” smart sensor cartridge, icon driven menu and compact size make it an excellent choice for a variety of gas detection needs.

The HA20 controller can accept inputs from both Midas® units and will serve as a means to power the detectors, provide local readouts of gas concentrations and alert personnel when a leak has been detected. The HA20 comes with three common alarm relays for connection to a building automation system or remote alarm.

| Midas® Specifications     |   |
|---------------------------|---|
| Size (unit with sensor)   | 120x63x150 mm (HxWxD)                               |
| Weight (unit with sensor) | 0.8 kg  |
| Operating Voltage         | 24 VDC nominal                                      |
| Visual Indicators         | Alarm, power and fault lights; back lit LCD display |
| Relays/Analog Output      | 3 relays for alarm 1, alarm 2 and fault             |
| Analog Output             | 4-20 mA   |

| Design Features   |
|---|
| <b>Complete system offering:</b> package comes with everything needed for two points of detection                     |
| <b>Versatile detectors:</b> sensors available for flammables, toxics, oxygen and ambient gases                        |
| <b>Two-channel controller:</b> provides power to detectors, allows for remote readouts, audio/visual alarm capability |

| HA20 Specifications |  |
|---------------------|--|
| Size                | 14.1 x 12.14 x 7.25” (HxWxD)                       |
| Weight              | 5 lbs.   |
| Operation Voltage   | 120 VAC  |
| Display             | 128 x 64 pixel graphic LCD with backlight displays |
| Common Alarm Relays | Two, 5 amp 30 VDC or 250 VAC resistive Form C      |
| Housing             | NEMA 4X polycarbonate                              |

| Ordering Information |                 |                                    |
|----------------------|-----------------|------------------------------------|
| Product Number       | Gas             | Range                              |
| V89 ES2265           | Hydrogen        | 0-100% Lower Explosive Limit (LEL) |
| V89 ES2266           | Oxygen          | 0-25% volume                       |
| V89 ES2267           | Carbon Monoxide | 0-100 parts per million (ppm)      |
| V89 ES2268           | Ammonia         | 0-100 parts per million (ppm)      |

Other configurations for gases are available. Please consult with Airgas Engineering Solutions for details.

Please call 1-800-282-1524 for technical sales and support of this product.