

Accessories and options are designed to meet the special requirements of the individual user, providing the flexibility to work safely and comfortably in diverse working environments. For convenience, accessories are compatible with the different detectors (where applicable).



Remote Sensor Separation Kits

All BW standard Sensor Separation Kits can be added at any time. Mount the Separation Kit in difficult to reach locations such as ceilings, under floor grates and in tanks, etc. The Sensor Separation Kits are powered by the transmitters. Transmission distances from the transmitter are listed below.

ORDER and COMPATIBILITY INFORMATION

| Transmitter | Separation Kit | Distance (assumes 22 AWG; 0.64 mm cable) |
|-----------------------------|----------------|---|
| A. GasPoint | GP-SEP | 1,548 ft. (472 m) Toxic/O ₂ Sensor 619 ft. (189 m) Combustible Sensor |
| B. I.S. Plant Rat Alarm Rat | UA-SEP-K2 | 250 ft. (76 m) |
| C. CD-420 | CD-SEP-K3 | 250 ft. (76 m) |

GasPoint Sensor Assemblies

All GasPoint stainless steel Sensor Assemblies are field interchangeable providing the flexibility as field requirements change and evolve.

ORDER INFORMATION (*Compatible with GasPoints Serial No: 2-000100 up)

| Sensor | Gas monitored |
|---------|------------------------------------|
| SS-RW02 | Combustible 0-100% LEL (Catalytic) |
| IR-RW03 | *Combustible 0-100% LEL (IR) |
| SS-RH02 | Hydrogen Sulfide |
| SS-RM02 | Carbon Monoxide |
| SS-RA02 | *Ammonia Sensor |
| SS-RZ02 | *Hydrogen Cyanide |
| SS-RD02 | *Nitrogen Dioxide |
| SS-RS02 | Sulfur Dioxide |
| SS-RX02 | Oxygen |

Remote Splash Guards/Calibration Cups and Baffles

| Transmitter(s) | Order No. | Application |
|-----------------------------|-----------|---|
| A. GasPoint | GP-CAL-3 | Splash Guard / Remote Calibration Cup (ABS) |
| B. GasPoint | GP-SSCAL4 | Stainless Steel Splash Guard / Remote Calibration Cup |
| C. I.S. Plant Rat Alarm Rat | SG-CAL-1 | Splash Guard / Remote Calibration Cup |
| D. I.S. Plant Rat Alarm Rat | PB-CAL-1 | Process Baffle |

Note: Items C & D are anodized aluminum. For use with Cl₂ and ClO₂ sensors, add suffix "-T" for teflon coating

Duct Mount Kit

Designed to monitor hazardous gases in ducts, the easy-to-install Remote Duct Mount kit can be added at any time. The UA-DUC-K2 is equipped with a Duct Mount Adaptor, Remote Calibration Coupler, pre-drilled mounting flanges and a terminal wiring block.

ORDER and COMPATIBILITY INFORMATION

| Transmitters | Duct Mount Kit | Distance with 22 AWG (0.64 mm) cable |
|--------------------------|----------------|--------------------------------------|
| I.S. Plant Rat Alarm Rat | UA-DUC-K2 | 250 ft. (76 m) |
| CD-420 | | 250 ft. (76 m) |



Flue Vessel Mount Sensors (I.S. Plant Rat/Alarm Rat)

The I.S. Plant Rat or Alarm Rat models for Flue Vessel Mounting are designed for monitoring hazardous gases in non-pressurized pipes. The flue vessel unit comes complete with quick connect and a remote calibration fitting. The flue vessel adaptor is equipped a 1 in. n.p.t. pipe thread and a plug-in sensor.

ORDER and COMPATIBILITY INFORMATION

| Flue Vessel Sensor Units | Order No. |
|--|-------------------|
| I. S. Plant Rat c/w Flue Vessel Sensor | ISPF5-(N/D)(x)(#) |
| *Sensor Separation Unit | UA-SEP-F5(x)(#) |

*Sensor Separation Unit (I.S. Plant Rat and Alarm Rat) Transmitters and Flue Vessel Sensor Separation Units must be ordered together. Alarm Rat Flue Vessel is available only in a sensor separation unit.

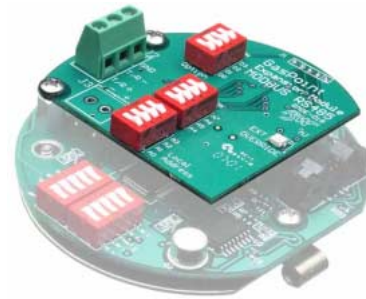


GasPoint MODBUS Communications Module

The GasPoint MODBUS Communications Module is a plug-in card, powered by the GasPoint and provides a MODBUS two-way addressable (1 to 247) communications interface. The RTU-485 output provides status, alarm, fault, relay control, latched alarm control plus other information for operation, troubleshooting or programming the unit.

ORDER INFORMATION (Compatible with GasPoints Serial No. 2-000100 and up.)

| Order No. | Description |
|------------------|---|
| GP-MBUS1 | GasPoint MODBUS Communications Expansion Module |



Field Relay Module

The Field Relay Module provides an output to re-transmit the 4-20 mA gas transmitters signal to a central control system or is used as a Controller for a single point system. Equipped with three 5 amp SPDT relays, two field settable alarm levels, the explosion-proof module provides power to the Gas Detector. No calibration is required.

ORDER and COMPATIBILITY INFORMATION

Compatible with all BW fixed monitors.

| Order No. | Description |
|------------------|---|
| FRM-AC | Includes AC power supply (24 VDC) 110 to 230 AC |
| FRM-1 | DC external power requirements 15-28 VDC |



Measuring Range Modules and Sensor Change Kits

To change the Measuring Range or gas sensed, simply plug-in a new gas specific Module to configure the Transmitter to the new range and/or gas. Sensor Change Kits: Order the sensor separately.

ORDER and COMPATIBILITY INFORMATION

For use with I.S. Plant Rat, CD-420 and Alarm Rat only.

| Order No. | Description |
|------------------|--|
| PL(x)S-50-(#)-2 | Measuring Range Module (specify gas and measuring range) |



Calibration Gases and Equipment

BW Technologies quality test gases are made to the highest accuracy and trace ability to N.I.S.T. standards. A full range of gases are available in Calibration Cylinders and Calibration Kits.

ORDER INFORMATION For a full list of gases available, contact your local BW Distributor or BW office for type and delivery.

