

BW™ FLEX 4/5

Multi-Gas Detector

With a choice of 14 different sensor types, the Honeywell BW™ Flex 4/5 protects you from multiple gas hazards, in a small, rugged, and easy to use device. BW Flex 4/5 keeps specialists operating in confined spaces, or general workers on a plant, safe from gas hazards while making safety compliance for the business easy



WORK THE WAY YOU WANT TO

The IntelliFlash™ and ultra-bright alarm LEDs provide users an instant overview of the detectors status. Red for stop, amber as a warning, and green you're good to go, gives that simple view inexperienced users need. The display can also be configured to show all the gases at the same time or one at a time. Either way the operator gets all they need to know at a glance.

MORE GASES FOR MORE APPLICATIONS

Select up to 4 sensors from 14 different gas types. With common gases covered and a growing range of "exotic" sensors too, the BW Flex can be used to protect workers from up to five gases in even more industries.

READY FOR THE CONNECTED FUTURE

Pairing the Honeywell BW™ Flex 4/5 with your smart mobile device via Bluetooth™ allows remote measurement, field reporting of incidents, or even full instrument configuration and calibration. What's more everything is recorded for download when needed and users can easily synchronize with Safety Suite fleet management software.

KEY FEATURES

- RELIABLE**
 Small, lightweight, rugged, and weatherproof, the BW Flex can be used in potentiality explosive atmospheres. Indoor, outdoor, onshore or offshore, we have you covered globally.
- STATUS AT A GLANCE**
 The SafetyTick™ and IntelliFlash™ status indicators enable quick visual compliance checks of instrument status in the field. The intuitive green, amber, and red color coding keep it simple.
- ADVANCED CONNECTIVITY**
 Using a smart mobile device or PC, operators can fully configure their device using Safety Suite solutions on iOS®, Android™, or Windows™ platforms. Safety Communicator allows full remote situational awareness from the control room when needed.
- RESPONSIVE**
 Offering instantaneous alarms, with time weighted average exposure levels (STEL/TWA), users are protected all round, from flammable, oxygen, and toxic gases in the work place.
- EASY TO MAINTAIN**
 The modular design makes service and maintenance easy. Compatibility with IntelliDoX automated test and calibration system, makes the routine fast! The system ensures up to date records are always available.
- EASY TO USE**
 The single pushbutton operation, intuitive user interface, and simple green/amber/red alarm system simplifies training and enables users to be up and running quickly.

Honeywell

HONEYWELL BW™ FLEX 4/5 SERIES TECHNICAL SPECIFICATIONS

SENSOR SPECIFICATIONS

Gas Type	LEL-IR	NDIR-CO ₂	LEL-CB-F	LEL-CB-UF	O ₂	H2S	CO&H Dual Toxic		CO	CO-H	SO ₂	NO	NO ₂	HCN	CL ₂
							H ₂ S	CO							
Identifier	W5	B1	W6	W7	X1	H1	HM		M1	M3	S3	N3	D3	Z3	C3
Spare Sensor	SR-W5-IS	SR-B1-IS	SR-W6-IS	SR-W7-IS	SR-X1-IS	SR-H1-IS	SR-HM-IS		SR-M1-IS	SR-M3-IS	SR-S3-IS	SR-N3-IS	SR-D3-IS	SR-Z3-IS	SR-C3-IS
Type	NDIR-C6 Hydrocarbons	NDIRCO2	Cat. Bead Filtered	Cat. Bead Unfiltered	Pb free Electrochem.	Electro-chemical	Electrochemical		Electro-chemical	Electro-chemical	Electro-chemical	Electro-chemical	Electro-chemical	Electro-chemical	Electro-chemical
Interface	Digital	Digital	Digital	Digital	Bias O2 Pump	Inflow	Digital		Inflow	Inflow	Inflow	Bias	Outflow	Inflow	Outflow
Operating Temperature	-20°C/60°C -4°F/140°F	-20°C/60°C -4°F/140°F	-20°C/60°C -4°F/140°F	-20°C/60°C -4°F/140°F	-40°C/60°C -40°F/140°F	-40°C/60°C -40°F/140°F	-20°C/50°C -4°F/122°F		-40°C/60°C -40°F/140°F	-20°C/50°C -4°F/122°F	-20°C/50°C -4°F/122°F	-20°C/50°C -4°F/122°F	-20°C/50°C -4°F/122°F	-10°C/50°C 14°F/122°F	-20°C/50°C -4°F/122°F
Operating Humidity (non-condensing)	0-99%rH	0-99%rH	0-95%rH	0-95%rH	5-95%rH	0-95%rH	15-90%rH		0-95%rH	15-90%rH	15-95%rH	15-90%rH	15-90%rH	15-90%rH	15-90%rH
Recommended Operating Range	100%LEL	5%VOL (50000ppm)	100%LEL	100%LEL	25%VOL	200ppm	100ppm		1000ppm	1000ppm	20ppm	100ppm	20ppm	50ppm	20ppm
Maximum Over Range	100%LEL	5%VOL (50000ppm)	100%LEL	100%LEL	30%VOL	500ppm	2000ppm		2000ppm	2000ppm	150ppm	400ppm	60ppm	250ppm	60ppm
Resolution	1%LEL	0.01%VOL (100ppm)	1%LEL	1%LEL	0.1%VOL	0.1ppm	1ppm		1ppm	1ppm	0.1ppm	0.1ppm	0.1ppm	<0.3ppm	0.1ppm
Default Units of Measure	%LEL	%VOL	%LEL	%LEL	%VOL	ppm	ppm		ppm	ppm	ppm	ppm	ppm	ppm	ppm
Configurable Alarm Range	0(disable) to100%LEL	0(disable) to5%VOL	0(disable) to100%LEL	0(disable) to100%LEL	0(disable) to30%VOL	0(disable) to500ppm	0(disable) to2000ppm		0(disable) to2000ppm	0(disable) to2000ppm	0(disable) to150ppm	0(disable) to400ppm	0(disable) to60ppm	0(disable) to250ppm	0(disable) to60ppm
Default Low Alarm	10%LEL	0.5%VOL (5000ppm)	10%LEL	10%LEL	19.5%VOL	10ppm	35ppm		35ppm	35ppm	2ppm	25ppm	2ppm	4.7ppm	0.5ppm
Default High Alarm	20%LEL	3.0%VOL (30,000ppm)	20%LEL	20%LEL	23.5%VOL	15ppm	200ppm		200ppm	200ppm	5ppm	25ppm	5ppm	10ppm	1ppm
Default STEL	n/a	3.0%VOL (30,000ppm)	n/a	n/a	n/a	15ppm	50ppm		50ppm	50ppm	1ppm	25ppm	5ppm	10ppm	1ppm
Default TWA	n/a	0.5%VOL (5000ppm)	n/a	n/a	n/a	10ppm	35ppm		35ppm	35ppm	0.5ppm	25ppm	2ppm	4.7ppm	0.5ppm
Default Span Gas	50%LELCH4 (2.2/2.5% VOL)	0.5%VOL (5000ppm)	50%LELCH4 (2.2/2.5% VOL)	50%LELCH4 (2.2/2.5% VOL)	18%VOL	25ppm	100ppm		100ppm	100ppm	20ppm	50ppm	10ppm	15ppm	10ppm
Maximum Calibration Interval	180days	180days	180days	180days	180days	180days	180days		180days	180days	180days	180days	180days	90days	180days
Expected Operating Life	3 to 5+ years	3 to 5+ years	3 to 5+ years	3 to 5+ years	3 to 5+ years	3 to 5+ years	2+ years		3 to 5+ years	2+ years	3 to 5+ years	2+ years	2+ years	1 to 2 years	1 to 2 years

Some combinations are not recommended/allowed due to cross sensitivity and possible interference. Contact Honeywell for advice.

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SPECIFICATIONS

Specifications subject to change without notice

Sensor positions	Four, covering up to five gas hazards using the dual toxic sensor
Sensor types available	Fourteen
Dimensions	108.2 x 61.5 x 43.2 mm with alligator clip. 108.2 x 61.5 x 37.8 mm with Klick Fast stud
Weight, catalytic LEL	189 g with alligator clip, 173 g with Klick Fast stud
Weight, infrared LEL	186 g with alligator clip, 170 g with Klick Fast stud
Certified temperature	Minus 40 to plus 60 °C. Minus 20 to plus 60 °C with a catalytic LEL sensor
Working humidity	5 to 95% RH, non condensing and sensor dependent
Ingress protection	IP66 and IP68
Typical battery life	40 days at 8 hours use per day with the NDIR sensor. Up to 15 hours with catalytic LEL. Both depend on alarm duration
Battery charge time	4.5 hours
Alarms	Visual, vibrating and audible at 95 dB. Low, High, TWA, STEL, Negative Drift, Over Limit, Multi-alarm and Low Battery
Status indicators	SafetyTick and IntelliFlash, green, amber and red
Self test	Sensor and circuitry diagnostic on activation. Reflex analog sensor diagnostic at 10 minute intervals
Connectivity	Bluetooth Low Energy
Software	Honeywell Safety Communicator App, Device Configurator App, Safety Suite Device Configurator on iOS, Android and Windows
Docking station	IntelliDoX automated test and calibration system
Calibration interval	180 days for most sensors. 90 days for hydrogen cyanide
Expected sensor life	3 to 5+ years for most sensors. 2+ years for dual toxic, CO-H, NO and NO ₂ . 1 to 2 years for HCN and chlorine
Certifications	ATEX, IECEx, CSA, FTZU, INMETRO, GOSST, CCCF, CPA, KRS, MED, DNV, SABS, FCCID, IC, UKCA, CE



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