

Honeywell BW™ Flex

Serviceable Multi-Gas Detector



Options should be selected from the lists in the order shown (top to bottom).

Where a sensor can be selected in both slot 3 or slot 4, follow the alphabetical sequence e.g. H1 before M1 in Slot 3 and so on. Some combinations are regional, customer specific, or not allowed due to cross sensitivities.

Order Number Configurator

Sensor 3		Sensor 4	
None - dummy sensor (IN)	00	00	None - dummy sensor (IN)
H ₂ S (Hydrogen Sulfide) inflow	H1	H1	H ₂ S (Hydrogen Sulfide)
CO (carbon monoxide) inflow	M1	M1	CO (carbon monoxide)
CO-H (H ₂ resistant CO) inflow	M3	M3	CO-H (Hydrogen resistant CO)
SO ₂ (Sulfur Dioxide) inflow	S3	S3	SO ₂ (sulfur dioxide)
HCN (Hydrogen Cyanide) inflow	Z3	Z3	HCN (Hydrogen Cyanide)
None - dummy sensor (OU) outflow	10	10	None - dummy sensor (OU)
Cl ₂ (Chlorine) outflow	C3	C3	Cl ₂ (Chlorine)
NO ₂ (Nitrogen Dioxide) outflow	D3	D3	NO ₂ (Nitrogen Dioxide)
None - dummy sensor (DI) digital	20	20	None - dummy sensor (DI)
CO ₂ (Carbon Dioxide) digital	B1	B1	CO ₂ (Carbon Dioxide)
COSH (Carbon Monoxide+Hydrogen Sulphide) digital	HM	30	None - dummy sensor (BI)
		N3	NO (Nitrogen Oxide)

Sensor 2		Housing	
None (dummy sensor)	00	B	Black housing
O ₂ (Oxygen)	X1	Y	Yellow housing

Sensor 1 - Combustible Gases	
None (dummy sensor)	00
%LEL (combustibles), Infrared Low Power	W5
%LEL (combustibles), catalytic, filtered	W6
%LEL (combustibles), catalytic, unfiltered	W7

Base Unit	
Base unit	CPD

NOTE: CROSS SENSITIVITY

These sensor combinations should not be offered without prior authorisation by Honeywell.

- H₂S/HCN
- CO-H/NO
- H₂S/NO₂
- NO₂/SO₂
- H₂S/Cl₂
- NO₂/HCN
- HCN/Cl₂
- NO₂/Cl₂
- HCN/SO₂

Region	
00	Global
BR	Brazil - InMetro
EU	MED/ATEX with Performance (LEL/O ₂)
SA	South Africa Mining
AP	Asia Pacific
JP	Japan
RU	Customs Union
UR	Ukraine
CN	China
MA	China Mining Approval

Order Number: **CPD** - **W5** **X1** **Z3** **M3** - **Y** - **00** **1283**

*IR LEL sensors do not detect hydrogen, should not be used in presence of acetylene, and they are not recommended for potentially condensing atmospheres. Use catalytic LEL sensors.

*Honeywell Analytics recommends using a combustible (LEL) sensor only when accompanied by an oxygen (O₂) sensor. As oxygen is required for the detection of combustible gases, a Catalytic LEL sensor may not detect combustible hazards in an oxygen deprived environment. IR LEL Sensors are better suited to oxygen deprived environments

*For further information regarding the effectiveness and suitability of the types of LEL combustibles sensors for your target gas and application, please refer to the LEL sensor information page within the Price Guide or alternatively contact your local Honeywell Sales Representative.

*The following combinations of sensors are NOT ALLOWED due to cross sensitivities and risk of inhibiting operation or causing nuisance alarms. Contact Honeywell for possible exceptions.

H₂S/HCN. CO-H/NO. H₂S/NO₂. NO₂/SO₂. H₂S/Cl₂. NO₂/HCN. HCN/Cl₂. NO₂/Cl₂. HCN/SO₂.