

HONEYWELL BW™ RIGRAT

Transportable Multi-gas Area Monitor

Honeywell BW™ RigRat (Model BWRRp/BWRRd) Configuration Guide

HRR-	A	B	C	D	E	F	G	H	I	J	K	M	N	O
• BW RigRat	• Base Unit Type	• Certificate of IS	• Always C	• Wireless Options	• Sensor 1	• Sensor 2	• Sensor 3	• Sensor 4	• Sensor 5	• Sensor 6	• Extended Functions	• Kits	• Always O	

A Base Unit Type															EUR			
A Basic diffusion: BLE only																		
B Basic pump: BLE only																		
C Enhanced diffusion: Input/Output + wireless																		
D Enhanced Pump: Input/Output + wireless																		
E Basic diffusion: BLE only + Noise Sensor																		
F Basic pump: BLE only + Noise Sensor																		
G Enhanced diffusion: Input/Output + wireless + Noise Sensor																		
H Enhanced pump: Input/Output + wireless + Noise Sensor																		
B Certification of Intrinsic Safety															EUR			
1 Global and Regional																		
2 China																		
C Wireless Certification															EUR			
0 Always Zero																		
1 None (BLE default for all versions)																		
2 Mesh 900MHz																		
3 Mesh 868MHz (Portables Systems)																		
4 Mesh 2.4GHz (MeshGuard System)																		
5 WiFi																		
6 Mesh 900MHz for INMETRO																		
7 Mesh 865.6MHz/866.4MHz (India)																		
8 Mesh 869M (Russia)																		
9 LORA 868MHz																		
F NBDT ***																		
Sensor Options															EUR			
0 Dummy Sensor																		
NDIR Sensors																		
1 Ex NDIR (0-100% LEL) Low Power																		
2 Ex NDIR (0-100% VOL) Low Power																		
3 Ex NDIR (0-100% LEL) SIL I																		
4 Ex NDIR (0-100% VOL) SIL I																		
5 CO ₂ NDIR (up to 50,000 ppm)																		
PID Sensor																		
7 PID 10.6eV 0-2000 ppm																		
Catalytic LEL																		
9 Catalytic LEL (0-100% LEL)																		
Electrochemical Sensors																		
A CO - Carbon Monoxide (0-500 ppm)																		
B H ₂ S** - Hydrogen Sulphide (0-100 ppm)																		
C H ₂ S (HR)** - Hydrogen Sulphide (0-1000 ppm)																		
D SO ₂ - Sulfur Dioxide (0-20 ppm)																		
E NO* - Nitrogen Oxide (0-250ppm)																		
F NO ₂ - Nitrogen Dioxide (0-20 ppm)																		
G HCN - Hydrogen Cyanide (0-50 ppm, 0.5ppm)																		
H NH ₃ * - Ammonia (0-100 ppm, 1 ppm)																		
J Cl ₂ ** - Chlorine (0-50 ppm)																		
K O ₂ - Liquid Oxygen (0-30% vol.)																		
L PH ₃ - Phosphene (0-20 ppm, 0.1 ppm)																		
M CO (HR) - Carbon Monoxide (0-2000 ppm)																		
N CO (-H ₂) - Carbon Monoxide (0-2000 ppm)																		
P ETO-A - Ethylene Oxide A (0-100PPM)																		
Q ETO-B - Ethylene Oxide B (0-10PPM, 0.1PPM)																		
R ETO-C - Ethylene Oxide C (0-500PPM)																		
S HCHO - Formaldehyde (0-10PPM, 0.01PPM)																		
T CH ₃ -SH - Methanethiol (0-10PPM, 0.1PPM)																		
U PH ₃ -H - Phosphene (0-20PPM, 0.1PPM)																		
V H ₂ - Hydrogen (0-1000PPM)																		
W HF - Hydrogen Fluoride (0-10PPM, 0.1PPM)																		
Y ClO ₂ - Chlorine Dioxide (0-1PPM, 0.03PPM)																		
Z COCL ₂ - Phosgene(0-1PPM, 0.02PPM)																		
															M Extended Functions		EUR	
0 None																		
1 GPS (N/A on 2.4GHz)																		
															N Kits		EUR	
0 Unit Only																		

If the instrument is ordered with fewer than 6 sensors, a dummy sensor must be installed in the empty sensor slot(s).

RigRats must be ordered with a minimum of 1 sensor installed

When ordering electrochemical sensors, please select the lower number first

Sensors cannot be installed in black marked slots.

* NO and NH₃ Cannot be installed in the same instrument

** Cl₂ and H₂S, H₂S-HR cannot be installed in the same instrument

Please refer to Technical Note TN114 for cross interference between electrochemical sensors

Catalytic LEL must be ordered in conjunction with an oxygen sensor

***need GPS extended function when you select NBDT

GPS is NOT available on 2.4GHz wireless devices.

Example:

BW RigRat, Enhanced pump: I/O+wireless+Noise, BLE, Mesh 868MHz, CO₂ NDIR (up to 50,000 ppm), PID 10.6eV, Catalytic LEL (0-100% LEL), H₂S - Hydrogen Sulphide (0-100 ppm), O₂ - Liquid Oxygen (0-30% Vol.), CO (-H₂) - Carbon Monoxide (0-2000 ppm), GPS, Unit Only

HRR- A B O D E F G H J K M O O 0