

Procon Systems Migration Option for RigRat III Transportable Gas Detector

Effective December 31, 2017. Honeywell (aka BW by Honeywell) is no longer taking orders for the RigRat III Electronic Controller.

In an effort to meet our customers' requirements, we have looked for the closest replacement product available.

The Procon Systems R4S is this best fit

This information sheet provides comparison of these two sets of specifications.



New R4S-AB-F2-K-AG-JL	Obsolete R3S-AB-F2-K-AG--JL
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Common Sensors (others available)

LEL (combustible)	Catalytic Bead	
O2 (oxygen)	Electrochemical	
H2S (hydrogen sulfide)	Electrochemical	
CO (carbon monoxide)	Electrochemical	
NH3 (ammonia)	Electrochemical	
Cl2 (chlorine)	Electrochemical	
SO2 (sulfur dioxide)	Electrochemical	
C6H6 (benzene)	PID (10.6eV)	Yes
CH4 (methane)	Infrared	Yes
HC (hydrocarbons)	Infrared	Yes

	Yes	
	Yes	
	Yes	
	Yes	
	Yes	
	Yes	
	Yes	
	Yes	No
	Yes	No
	Yes	No

Alarm Settings

Alarm Set Points
 Activate on Increase/Decrease
 Latching/Non-Latching

3 configurable + fault	1 for external alarms
Yes	
Yes	

Summary Specifications

Dimensions
 Weight
 Cable Length
 Federal Signal 302GCX Audible Alarm (TM3)
 Blue Strobe Light Visual Alarm 580,000 candela
 Gas Sensor Ports
 Enclosure Rating
 Controls
 Operating Voltage
 Display
 Warranty

Height: 62", Width 16", Depth 17"	Height: 62", Width 18", Depth 13"
42 lbs	52 lbs
Up to 100' (30 m)	
Yes	
Yes	
4	2
NEMA 4x Class 1 Div 2 (C,D)	NEMA 4x Class 1 Div 2 (C,D)
Magnet used for menu functions. Calibrate without opening the enclosure. External power switch.	Internal push buttons for menu functions. Must open to calibrate. Internal power switch.
120VAC with full batt backup	120VAC with partial batt backup
Alphanumeric LCD display with backlighting. 2 lines for gas and concentration readout, plus user-friendly calibration and setup	Custom LCD, no backlight
2 years parts and labor	