







# Non Explosion Proof

	<b>O2</b> Oxygen	<b>H2S</b> Hydrogen Sulfide	<b>CO</b> Carbon Monoxide	<b>Toxics</b> See chart below	<b>CO2</b> Carbon Dioxide
 <b>Part #</b>	65-2321RK	65-2330RK	65-2335RK	See chart below	65-2397RK-02 65-2397RK-03 65-2397RK-05 65-2397RK-10
<b>Sensor</b>	Galvanic cell	Electrochemical			Infrared
<b>Measuring Range</b>	0-25% Vol.	0-100 ppm	0-300 ppm	See chart below	0 - 5000 ppm 0 - 5% Vol. 0 - 50% Vol. 0 - 100% Vol.
<b>Lower Detectable Limit (LDL)</b>	0.1% Vol.	2% of full scale			
<b>Accuracy (whichever is greater)</b>	± 0.5% O2	± 5% of reading ± 2 ppm H2S	± 5% of reading ± 5 ppm CO	± 10% of reading or ± 5% of full scale	± 5% of reading or ± 2% of full scale
<b>Response Time (T-90)</b>	20 Seconds	45 Seconds	30 Seconds	60 Seconds	45 Seconds
<b>Max Current Draw (24VDC)</b>	25 mA max, 2 wires				60 mA (power wires) 25 mA (signal wires) 3 wires
<b>Life Expectancy</b>	2 years normal service	2 to 3 years with normal service			5 years plus with normal service
<b>Operating Environment</b>					
<b>Location</b>	Indoor Class I, Div. 2				
<b>Temperature</b>	-4°F to 122°F -20°C to 50°C		14°F to 104°F -10°C to 40°C		-40°F to 122°F -40°C to 50°C
<b>Humidity</b>	0 - 99% RH non condensing		5-95% RH		0 - 99% RH non condensing
<b>Housing</b>					
<b>Housing J-Box</b>	Cast aluminum, explosion-proof				
<b>Sensor</b>	Plastic or aluminum				
<b>Controls</b>					
<b>Zero</b>	Sets transmitter output to 4 mA with zero output from sensor				
<b>Span</b>	Sets transmitter output to 20 mA with full scale output from sensor				
<b>Operating Voltage</b>	19 VDC to 30 VDC				
<b>Output</b>	4-20 mA signal				
<b>Controllers</b>	Compatible with the following controllers: Beacon 110, Beacon 200, Beacon 410, and 800, also PLC and DCS systems				
<b>Warranty</b>	One year materials and workmanship				

	<b>Non Explosion Proof Toxic Assemblies</b>		
	<b>Ordering Information</b>		
	<b>Part Number</b>	<b>Gas</b>	<b>Range</b>
65-2340RK-ASH3	Arsine (ASH3)	0 - 1.5 ppm	
65-2340RK-NH3	Ammonia (NH3)	0 - 75 ppm	
65-2340RK-HCN	Hydrogen Cyanide (HCN)	0 - 15 ppm	
65-2340RK-PH3	Phosphine (PH3)	0 - 1.00 ppm	
65-2340RK-SO2	Sulfur Dioxide (SO2)	0 - 6.00 ppm	

# S2 SENSOR / TRANSMITTER



AC power supply



Remote horns & lights



Calibration kits



Calibration adaptors



Splash guards



Flow through adaptors



Dataloggers

## Direct Interface with Beacon 110 / 200 / 410 / 800 Controllers

S2 Wiring Matrix				
S2 Transmitter	Number of Wires to Controller	Maximum Distance to Controller		
		18 AWG wire	16 AWG wire	14 AWG wire
LEL / IR / CO2	3	2500 ft.	5,000 ft.	8,000 ft.
Oxygen	2	2500 ft.	5,000 ft.	8,000 ft.
H2S	2	2500 ft.	5,000 ft.	8,000 ft.
CO	2	2500 ft.	5,000 ft.	8,000 ft.
Toxics	2	2500 ft.	5,000 ft.	8,000 ft.

Made in the USA



Authorized Distributor:

10000363



ISO 9001