

Beacon™ 800 Model

Physical	
Dimensions	Height: 12.5" 318 mm Width: 11.0" 279 mm Depth: 6.4" 163 mm
Enclosure	Wall mounting grey fiberglass with hinged cover.
Conduit Connection	3/4" NPT conduit hubs, 4 provided for sensors, power, and relay wiring.
Wiring Termination	Screw type terminal block, 14 gauge max.
Operating Environment	
Operating Temp	-4°F to 122°F (-10°C to 50°C)
Storage Temp	-4°F to 158°F (-20°C to 70°C)
Relative Humidity	0 - 95% RH
Enclosure Rating	NEMA-4X enclosure, waterproof, chemical, and weather resistant.
Inputs	
4-20 mA	Accepts any 4-20 mA transmitter (24 VDC, 2 or 3 wire). A wide variety of RKI sensors are available with 4-20 mA signals. Wiring distances up to 8,000 feet.
Outputs	
Relays	2 relays per channel 3 amp rating, SPDT isolated contacts. <i>1 set of common relays:</i> <ul style="list-style-type: none"> • 2 for gas alarm levels • 1 for malfunction <i>Relays fully programmable for:</i> <ul style="list-style-type: none"> • Increasing or decreasing alarms • Latching or self reset alarms • Normally energized or normally de-energized • Time delay for alarm on and alarm off.
24VDC	24 VDC output provided to operate sample drawing adapters.
Display	2 alphanumeric displays with backlighting. 16 characters per line; 4 lines each. All 8 channels continuously displayed.
Audible	Built-in audible alarm, 94 dB, mounted on enclosure. <i>Coded Output:</i> <ul style="list-style-type: none"> • pulsing = gas alarm • steady = fail
Visual	4 visual LED alarms on front cover for alarm indications, pilot, and malfunction.
Optional Expansion Cards	Individual 4-20 mA (or 1 - 5 VDC) outputs. Heavy duty relay card (4 each @ 30 amps)
Power	85-264VAC or 24VDC
Approvals	CSA Certified to CSA C22.2 No. 1010 and UL 61010-1
Warranty	One year materials and workmanship.

Specifications subject to change without notice.

Made in the USA



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