

PRODUCT BULLETIN



April 19, 2011

Issue 11-04.1

GDC-150 Gas Sensor / Transmitter

From the gas detection experts comes the new Bacharach GDC-150 gas sensor / transmitter family of products. The GDC-150 family is a cost effective solution for monitoring and detecting a variety of toxic, combustible, VOC, oxygen and refrigerant gas leaks. Gas concentrations are transmitted via 4-20 mA current loop back to a centralized controller where concentrations can be displayed, alarms activated or exhaust fan turned on. An optional LED alpha-numeric display and alarm relay make this product ideal for standalone operation.

The GDC-150 utilizes a variety of sensors including electrochemical sensors for toxic gas and oxygen detection, solid state sensors for the detection of TVOCs, refrigerants, and combustible gases as well as a photo ionization sensor for the detection of TVOCs.

Gases Detected:

- Carbon Monoxide (CO), 0-500 ppm
- Hydrogen Sulfide (H₂S), 0-500 ppm
- Oxygen (O₂), 0-25% vol
- Combustible (catalytic bead), 0-100% LEL
- Combustible (solid state), 0-50% LEL
- Nitric Oxide (NO), 0-500 ppm
- Nitric Dioxide (NO₂), 0-500 ppm
- Sulfur Dioxide (SO₂), 0-100 ppm
- Formaldehyde (HCHO), 0-50 ppm
- Refrigerant Gases (CFC, HCFs, HCFC), 0-2000 ppm
- TVOCs (solid state), 0-2000 ppm
- TVOCs (PID), 0-50 ppm
- TVOCs (PID), 0-300 ppm



Product Features:

- 3-wire, 4-20 interface
- Variety of sensors including electrochemical, solid state (MOS) and catalytic
- Simple, non-obtrusive design
- Robust, tamper-proof housing (optional NEMA 4X available)
- Optional LED alpha numeric display
- Optional alarm relay

World Headquarters 621 Hunt Valley Circle, New Kensington PA 15068-7074 USA
PHONE: +1 724-334-5000 **FAX:** +1 724-334-5001 **WEBSITE:** www.MyBacharach.com **E-MAIL:** help@MyBacharach.com



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Target Markets:

- Parking garages
- Boiler rooms
- Research facilities
- Wineries
- Maintenance garages
- Chiller rooms
- Mechanical rooms
- Arenas

GDC-150 P/N designation: 5201-ABCD (Pricing in USD)

Standard	Standard	Standard	Standard	Housing Option	List Price	Option	List Price	Sensor	List Price
5	2	0	1	A		B		C&D	
				0 = N/A		0 = Nothing	No Charge	00 = No sensor	No Charge
				1 = NEMA 1X enclosure	No Charge	1 = LED numeric display	\$135.00	01 = CO	\$550.00
				2 = NEMA 4X enclosure	\$75.00	2 = Relay	\$50.00	02 = H ₂ S	\$700.00
				3 = NEMA 4X enclosure, w/ splash guard	\$125.00	3 = Relay & display	\$180.00	03 = O ₂	\$550.00
								04 = NO ₂	\$700.00
								05 = NH ₃	\$1250.00
								06 = NO	\$700.00
								09 = SO ₂	\$775.00
								13 = HCHO	\$1450.00
								20 = LEL (cat bead)	\$700.00
								28 = PID TVOC 0-50 ppm	\$3500.00
								29 = PID TVOC 0-50 ppm	\$2800.00
								30 = MOS combustible	\$500.00
								31 = MOS refrigerant	\$525.00
								32 = MOS TVOC	\$650.00

If you have any questions regarding availability or product specifications, please contact a Customer Service Representative at 1-800-736-4666 or help@MyBacharach.com.

MAT 4/15/2011
Rev 2

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