

## ToxiPro<sup>®</sup> SPECIFICATIONS



### Single-Gas Detector

Housing	
Weight	3.5oz (99 grams)
Size	3.325 in. (8.44cm) x 2.19 in. (5.56 cm) x 1.16 in. (2.95 cm)
Case Material	Clear polycarbonate with TPE overmold
Dust and Water Resistance Rating	IP66/IP67
Environmental Ratings	
RF Immunity	Conforms to EN 50270
RF Emissions	Conforms to IEC 61000-6-4
ESD Immunity	Conforms to IEC 61000-4-2
Approvals	
	UL Class I, Div 1, Group A,B,C,D T4
	UL Class II, Div 1, Group E,F,G
	CSA Class I, Div 1, Group A,B,C,D T4
	CSA Class II, Div 1, Group E,F,G
	ATEX (DEMKO) II 1 G Ex ia IIC T4
	IECEX Ex ia IIC T4 Ga
	CE Mark
	CQST (China) Ex ia IIC T4
Backlight	
Type	Multi-color LED Backlight
Gas Types	
Available Sensors	CO, CO-H, H <sub>2</sub> S, O <sub>2</sub> , SO <sub>2</sub> , PH <sub>3</sub> , NH <sub>3</sub> , CL <sub>2</sub> , HCN, NO <sub>2</sub>
Alarm Levels (default)	
	<b>CO, CO-H</b> <b>H<sub>2</sub>S</b> <b>O<sub>2</sub>%</b> <b>SO<sub>2</sub></b> <b>CL<sub>2</sub></b> <b>NH<sub>3</sub></b> <b>NO<sub>2</sub></b> <b>PH<sub>3</sub></b> <b>HCN</b>
Warning alarm (ppm)	35    10    23.5    2    0.5    25    1    0.3    4.7
Danger alarm (ppm)	100    20    19.5    5    1    35    5    1    4.7
TWA alarm (ppm)	35    10    na    2    0.5    25    1    0.3    4.7
STEL alarm (ppm)	100    15    na    5    1    35    1    1    4.7
Ranges	
CO	0-999
CO-H	0-999
H <sub>2</sub> S	0-200
SO <sub>2</sub>	0-100
O <sub>2</sub>	0-30
CL <sub>2</sub>	0-20
NH <sub>3</sub>	0-100
NO <sub>2</sub>	0-20
HCN	0-100
PH <sub>3</sub>	0-20

Resolution	
CO	1 ppm
CO-H	1 ppm
H <sub>2</sub> S	1 ppm
SO <sub>2</sub>	0.1 ppm
O <sub>2</sub>	0.1%/Vol
CL <sub>2</sub>	0.1 ppm
NH <sub>3</sub>	1 ppm
NO <sub>2</sub>	0.1 ppm
HCN	0.1 ppm
PH <sub>3</sub>	0.01 ppm
Battery	
Battery Life	9000 hrs.
Shelf Life	4000 hrs.
Type	Lithium Manganese Dioxide
Battery Replaceable	Yes
Reverse Battery Protection	Yes
Datalogging	
Number of sessions	up to 100
Number of Intervals	up to 8100
Number of Events	100
Blackbox datalogger	up to 8100 intervals at 1 minute Can be upgraded to a full datalogger at any time. Activation code and BioTrak PC software required.
Instrument	
Temperature range	(Continuous — storage) 0 to 110°F (-18 to 43°C)
Temperature range	(Intermittent <30 minutes; H <sub>2</sub> S) -40 to 140°F (-40 to 60°C)
Temperature range	(Intermittent <30 minutes; Others) -20 to 120°F (-29 to 49°C)
Humidity Range	15 - 95% RH, non-condensing (0 - 95% RH <= 4 hours)
Alarm Sound Levels (Two Tone)	100+ dB @ 10cm



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**Honeywell**