

# R-Series | Technical specification



## MEASUREMENTS

SENSOR	TYPE	RANGE	RESOLUTION	ACCURACY
CH4	Infrared	0-70%   70-100%	0.1%	+/-1.0%vol   +/-3%FS
CO2	Infrared	0-60%   60-100%	0.1%	+/-1.0%vol   +/-3%FS
O2	Electrochemical	0-25%	0.1%	+/-0.5%
H2S	Electrochemical	0-5,000ppm	10ppm	+/-250ppm
CO	Electrochemical	0-2,000ppm	10ppm	+/-100ppm
LEL	Calculation	0-100%	0.1%	+/-1.0%
Balance	Calculation	0-100%	0.1%	+/-2.5%
Atmospheric		320 to 480 in H2O	1 in H2O	+/-2 in H2O
Static		-160 to +160 in H2O	1 in H2O	+/-0.4 in H2O
Differential		-10 to +10 in H2O	0.1 in H2O	+/-0.04 in H2O
Temperature		14°F to 212°F	0.5°F	+/-2°F

## GENERAL

Ex. rating to	EEx ib IIB T1 Gb
Ambient temperature range	14°F to 104°F
Protection rating	IP65
Aspiration rating	18l/h minimum
Dimensions	8" x 4" x 3"

## DATA & COMMUNICATIONS

Connection	Data storage via data collector
------------	---------------------------------