

VT-60 Fixed Gas Detector



VASTHI VT-60 Fixed Gas Detector adopts advanced catalytic gas sensor or electrochemical sensor, which can translate gas concentration in the air to the digital signal output. The detector working with gas controller can be used to detect gas in refinery, chemical plant, LPG station, boiler room, painting plant and other places with gas exists.



Specifications

Gas Detected	: EX, O2, CO, H2S, CH4, NH3, CL2, HCL, H2, NO, NO2 NOX, CH2O, O3, CO2, SO2, ETO, PH3, HCN, N2, HF
Detection principle	: electrochemical & catalytic principles
Sampling method	: wall, pipeline, flow-through (with the monitoring of the environment-related)
Resolution	: 0.001ppm
Precision	: 2%FS
Output signal	: 4-20mA, 0-5V,RS485,relays,wireless digital(optional)
Response Time	: ≤30s
Recovery time	: ≤10s
Repeatability	: ≤±1%
Linearity error	: ≤±1%
Zero drift	: ≤±1% (FS/ year)
Display technology	: Display high brightness LED display
Connection mode	: G1/2 male proof hose pipe
Thread size	: M45 x 2mm
Working temperature	: 10°C~40°C
Explosion-proof	: Ex d II CT6
Degree of protection	: IP65
Working voltage	: DC24V
Dimensions	: 193 x 140 x 93mm

Technical Information

Detection principle: The system provides 24V standard DC voltage to the external detector, collecting standard (4-20) mA input signal to analyze and complete the digital display and alarm operation.

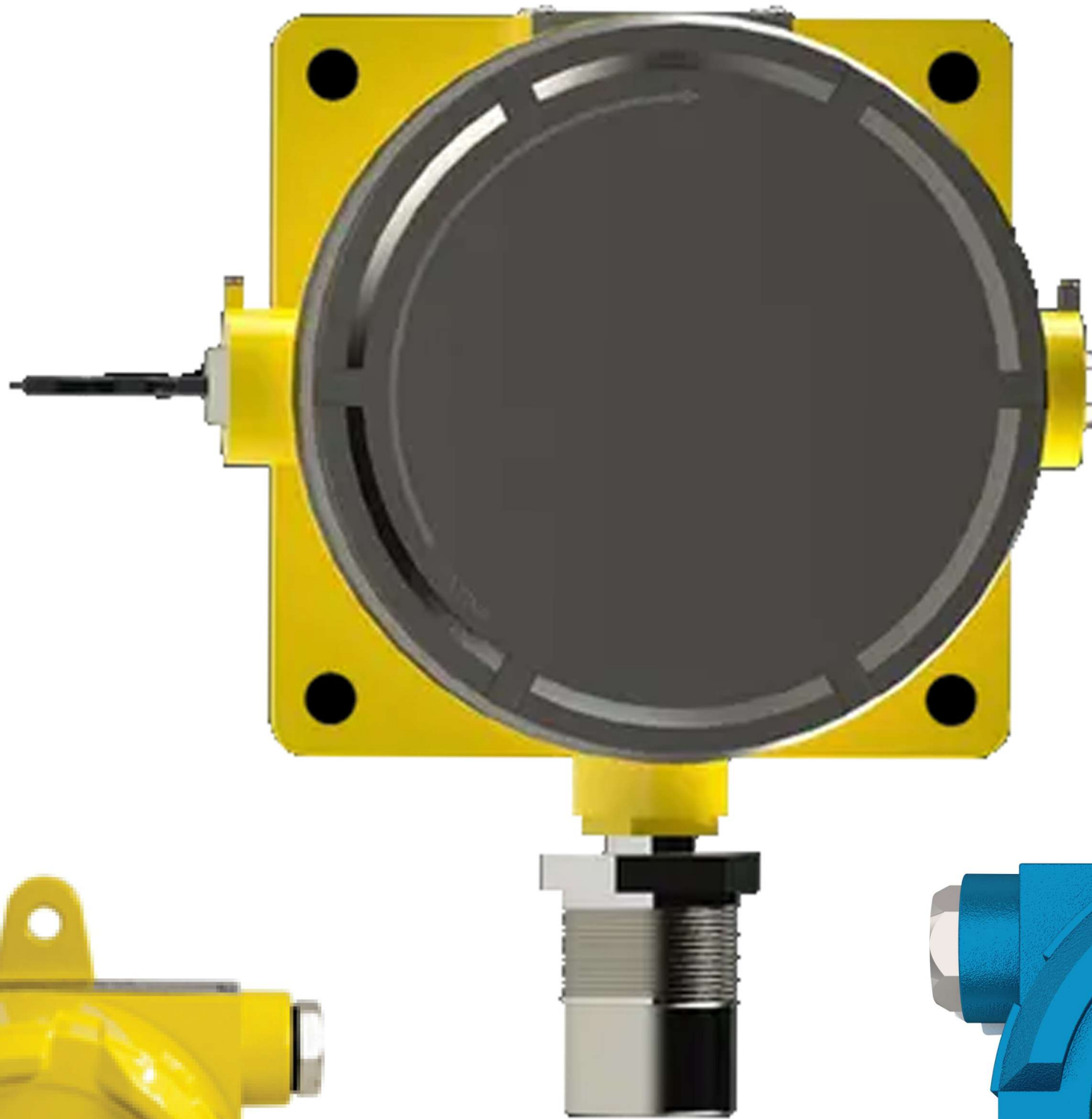
Suitable for: This fixed gas detector can be connected with control panel, alarm information would be display in the control panel by uploading 485 or currency signal. Gas technical parameter settings shows as in table. (For reference only, users can set parameters according to specific conditions)



Technical Information

Gas	Range	Resolution	Alarm point
CH4	0-100%LEL	1%LEL	25%LEL
C3H8	0-100%LEL	1%LEL	25%LEL
C2H2	0-100%LEL	1%LEL	25%LEL
CO	0-1000ppm	1ppm	50ppm
H2S	0-100ppm	1ppm	10ppm
H2	0-1000ppm	1ppm	35ppm
SO2	0-20ppm	1ppm	5ppm
NH3	0-100ppm	1ppm	35ppm
NO	0-250ppm	1ppm	35ppm
NO2	0-20ppm	1ppm	10ppm
CL2	0-20ppm	1ppm	2ppm
O3	0-20ppm	1ppm	2ppm
ETO	0-20ppm	1ppm	10ppm
CO2	0-5000ppm	1ppm	1000ppm
HCN	0-50ppm	1ppm	10ppm
O2	0-30%vol	0.1%vol	low 18%vol high 23%vol

Note: other gases not be listed, please contact VASTHI.



VASTHI INSTRUMENTS

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