RKI INSTRUMENTS

FOR SEMICONDUCTOR PROCESSING GASES

SMART TYPE GAS DETECTOR

MODEL GD-K82Ai

"Intrinsically Safe"

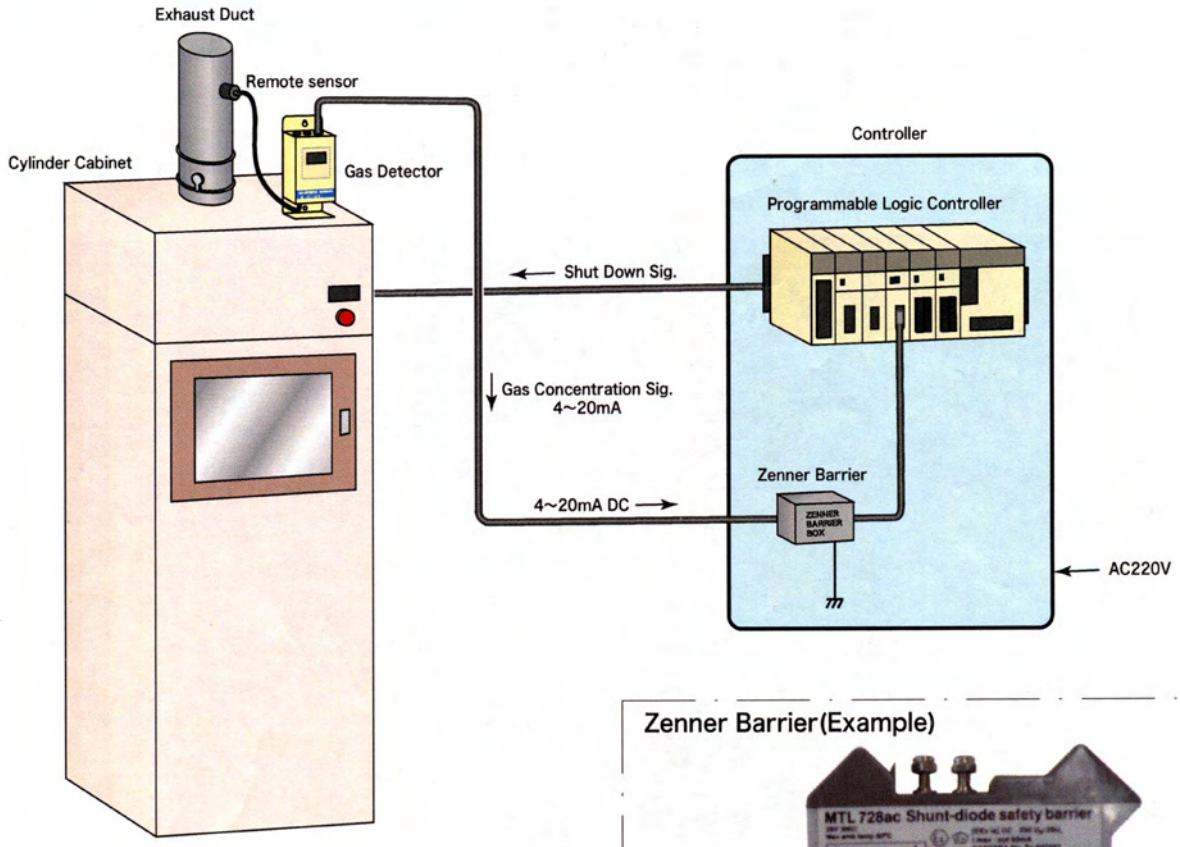
"DIFFUSION SAMPLING"

- Compact smart detector
- Remote sensor for duct mounting
- Micro processor operation
- No tools required for maintenance
- Digital LCD display

FEATURES

- Remote sensor type for duct mounting available.
- Digital display(LCD) for gas concentration readout.
- Calibration and other sensor information stored in sensor memory.
- Trend graph for alarm evidence.
- Self-diagnostic functions by microprocessor.
- Easy replacement of sensor.(Less than one minute)

SYSTEM CONFIGURATION



Zenner Barrier(Example)

SPECIFICATIONS

Model	GD-K82Ai
Transmission method	2-wire 4～20mADC transmission
Detection principle	Electrochemical cell
Detectable gas	Semiconductor processing gases
Detection range	Depends on detection gas
Detection method	Diffision sampling.Built-in sensor type or remote sensor type w/3m cable for duct mounting(Option)
Self-diagnosis	System trouble,sensor disconnection
Indications Gas concentration	Gas concentration display with LCD(4 digits,7 segments)
Power requirement	24VDC±10%
Applicable cable	CVVS 2C,1.25mm2
Operating conditions	0～40℃,45～75%R.H.(Non-condensing)
Structure	Intrinsically safe Exia II CT4(by use of zener barrier) Wall mounting,Approx 93(W)×140(H)×50(D)mm
Weight	Approx 750g

＊Specifications subject to change without notice.