

GT-1100 is a digital combustible gas leak transmitter with microprocessor application circuit and FND display. So you can use this detector with one indicator and you can monitoring the indication value at local area. Easy calibration function by magnetic bar. Self-diagnostic function greatly promote the using this device. Calibration and sensor sensitivity check can be performed by magnetic bar.

FEATURES

- Local 3 1/2 digit or 4 digit FND display
- Easy maintenance and calibration
- Linear DC 4 to 20mA output can be connected to various kinds of receivers
- Explosion proof housing (Ex d IIC T6 IP65)
- One conduit port are offered with 1/2" or 3/4" NPT (PF)
- Applied the state of the art technology provides excellent stability

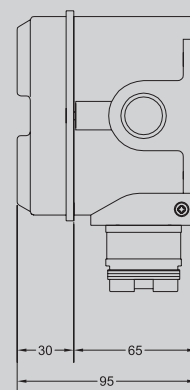
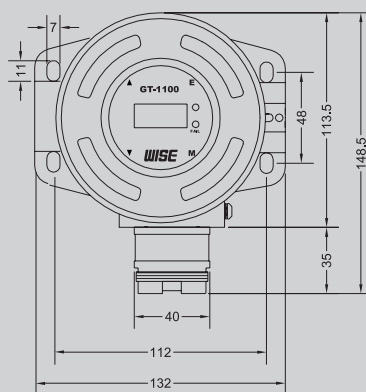
GT-1100

Local display & transmitter type
combustible gas detector

- FND digital display
- 4 to 20mA transmission
- Excellent reliability



Model	GT-1100	GT-1100 (HWS)	GT-1100C
Measuring gas	Combustible gas	Toxic gases	Combustible gas
Measuring range	0 to 100% LEL	ppm	0 to 100% LEL
Detection principle	Catalytic combustion	Hot wire semiconductor	Catalytic combustion
Display	3 1/2 digit FND	4 digit FND	4 digit FND
Sampling	Diffusion	Diffusion	Diffusion
Power	18 to 30V DC	18 to 30V DC	18 to 30V DC
Power consumption	3.4W (142mA)	3.4W (142mA)	3.7W (155mA)
Output signal	DC 4 to 20mA	DC 4 to 20mA	DC 4 to 20mA
Load impedance	600Ω	600Ω	600Ω
Local calibration	Yes	Yes	Yes
Explosion proof	Ex d IIC T6 IP65 (KOSHA)	Ex d IIC T6 IP65 (KOSHA)	Ex d IIC T6 IP65 (KOSHA)
Detector housing	Aluminum diecasting	Aluminum diecasting	Aluminum diecasting
Sension housing	SUS 316	SUS 316	SUS 316
Dimension	132(W)×148.5(H)×95(D)	132(W)×148.5(H)×95(D)	132(W)×148.5(H)×95(D)
Cable	3 Wire shielded	3 Wire shielded	3 wire shielded
Response time ¹⁾	Less than 15 secs at T90 ²⁾	Less than 15 secs at T90	Less than 15 secs at T90
Zero / span drift	+ / -3%	+ / -3%	+ / -3%
Expected sensor life time	36 to 60 month	36 to 60 month	36 to 60 month
Operating temp. / humi.	-20 to 50 °C / up to 95% R.H	-20 to 50 °C / up to 95% R.H	-20 to 50 °C / up to 95% R.H
Alarm set point			Two independent (H, HH)
Alarm set valve			0 to F.S. programmable
Alarm output			3 X SPDT N.O or N.C (H, HH, Fail)



Accessories



Collecting cone



Calibration gas



Adaptor & Splash guard



Mounting bracket with weather proof cover



Magnetic bar

1) Flammable Gases : Less Than 12 Seconds at T60(KOSHA P-135-2013)

2) T90 is the time it takes to display a 90% LEL of the target gas
T60 is the time it takes to display a 60% LEL of the target gas