

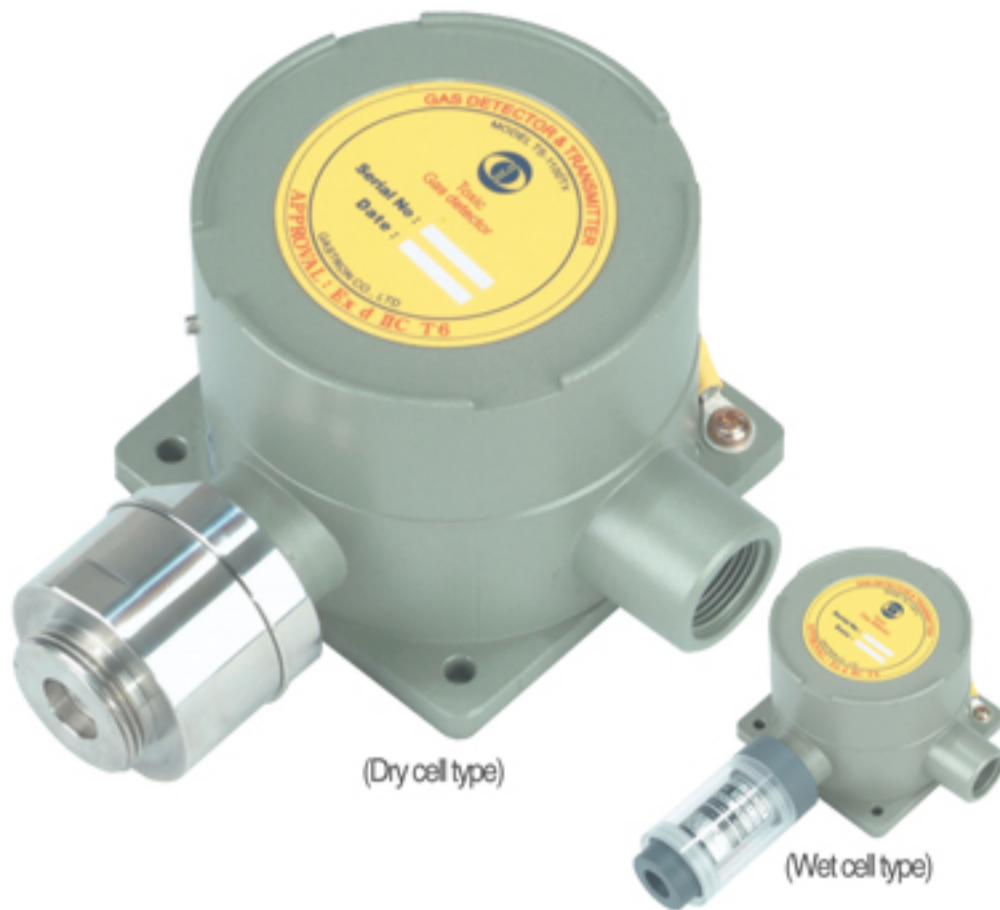
TOTAL SOLUTION FOR GAS DETECTION SYSTEM

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TS-1100Tx Series

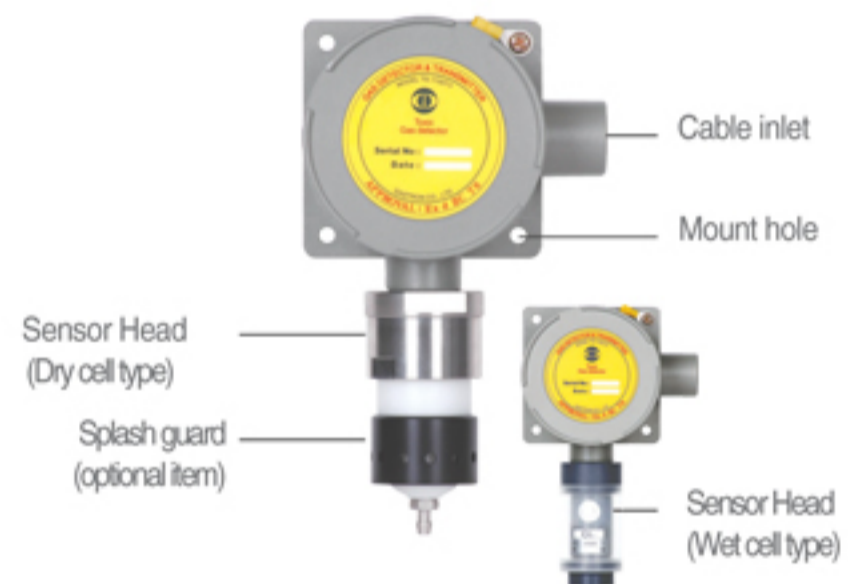
TRANSMITTER TYPE



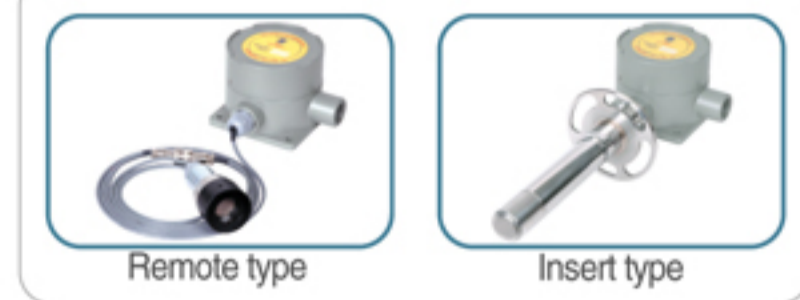
- Continuous detection of Oxygen & toxic gas in hazardous area with flame proof structure
- Excellent selectivity by adapting detection principle only for oxygen & toxic gas
- Superior performance for detecting gas below TLV
- High quality and low cost of ownership
- 4-20mA DC output signal
- 2 wires transmitter type
- Simple structure and compact design
- Calibration and maintenance by one person

GENERAL

- TS-1100Tx has flame proof structure and can be installed in hazardous area, gas might be present in, and continuously detects oxygen & toxic gas
- It has detection principle only for oxygen & toxic gas and reacts only with corresponding gas. Therefore, it minimizes malfunctioning due to interfering gas
- Also it shows excellent performance for detecting very low gas concentration (below TLV)
- Its design is simple and total cost of ownership is very low with high quality
- It has guaranteed reliability and minimized influences of temperature, pressure, humidity and electrical noise.
- Analog output (4-20mA DC) is delivered to controller, DCS & PLC and gas monitoring system
- There are various accessories for each onsite condition (Optional item)



[Special application]



[Accessories]



SPECIFICATION

TRANSMITTER TYPE OXYGEN & TOXIC GAS DETECTOR

Model	TS-2100Tx
Measuring gas	Toxic gas (O ₂ , CO, CL ₂ , NH ₂ , HCL, HCN, SO ₂ & etc)
Measuring type	Diffusion type
Measuring method	Electrochemical cell, Semiconductor cell
Measuring range	Refer to Ordering information (70 page)
Response time	<45 sec / 90% scale
Accuracy	±3% / Full scale
Output signal	4-20mA DC
Cable/Distance	2 wire (Above CVVS 1.5sq) / 2,500m max.
Conduit connection	1/2" & 3/4" PF, NPT (3/4" : standard)
Mounting type	2" Pole mount, Wall mount, Duct mount
Operating temperature	-20°C ~ +50°C
Operating humidity	5~ 95%.RH (non-condensing)
Operating power	18 ~ 31V DC (24V DC normal) / 50mA max.
Dimensions	Dry cell type 142 x 176 x 95 (W X H X D) Wet cell type 142 x 226 x 95 (W X H X D)
Weight	1.8kg
Approval	Flame proof type (Ex d IIC T6)

※ Specifications are subject to change without prior notice.

TS-1100Tx

DIMENSION (unit : mm)

