



Two-wire/Plug-in Sensor

Toxic Gas Transmitters

Models TX- [*]MD-A / TX-[*]MD-D / TX-[*]MD-N



✚ Plug-in Sensor for Easy Replacement

✚ Disposable Type Sensor

✚ One-man calibration

✚ Low power consumption

Model TX-2450MD-D

Bionics Instrument offers simple, compact yet complete toxic gas detecting systems with the TX-[*]MD-A/MD-D/MD-N transmitter series.

The Bionics Instrument disposable type toxic gas sensors GS-[*]MDY, to be used in combination with the TX-[*]MD-A/MD-D/MD-N transmitters, are gas-specific, stable and available for a wide range of different gases.

Furthermore, sensor is new plug-in type which provides easy replacement. The transmitter is equipped with zero and span adjustments accessible, allowing one-man calibration without communication with control room personnel.

* 3 or 4 digits gas code number as same as sensor model number which indicate in the Measuring gas name and range on next page.

Measuring gas name and range

Sensor model	Gas name	Range (ppm)	Min. alarm Setting (ppm)
GS- 550MDY	SO ₂	0- 20	5
GS- 552MDY	SO ₂	0-150	50
GS-1250MDY	CO	0- 75	25
GS-2450MDY	NH ₃	0- 75	25
		0-400	100



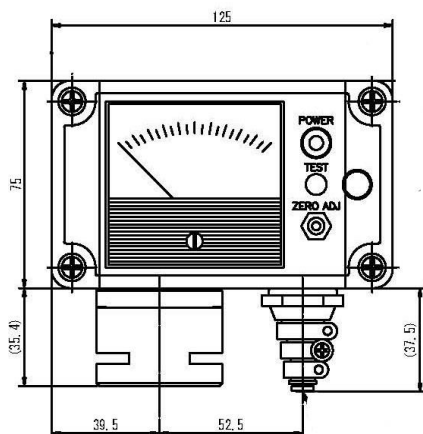
GS-2450MDY Sensor

Above table indicates typical sensor model, gas name and standard range.
When you need different gases information, feel free to contact below.

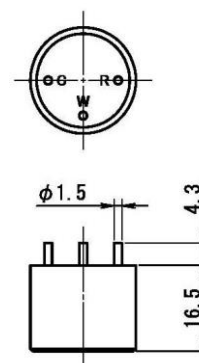
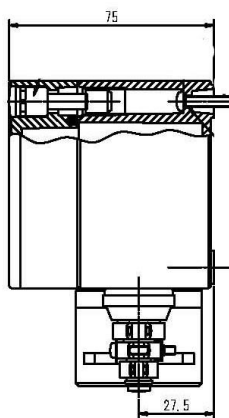
Specifications

Transmitter model	TX-[*]MD-A	TX-[*]MD-D	TX-[*]MD-N
Detecting principle	Electrochemical		
Response	T60 < 30 sec (GS-2450MDY : T60 < 60 sec)		
Accuracy	± 30% of Alarm setting amount		
Display	Analog	Digital	Non
Sampling style	Diffusion, Continuous, Single point		
Mounting style	Wall mount		
Operating temperature	0 ~ 40°C		
Explosion proof	Non		
Power requirement	24 V DC (2 wire system)		
Power consumption	Approx. 1 W		
Dimension	Approx. 125(W) x 115(H) x 75(D) mm		
Weight	Approx. 1 kg		

External view & Dimensions



TX-[*]MD-A



GS-[*]MDY

Unit : mm

※We reserve the right to change specifications without notice.

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