

Zirconia Sensing Oxygen Sensor TB- II F series



Feature

- Built-in multi filter protects detector from dirt and corrosion
- Long life (2 years warranty)
- Simple structure, easy maintenance
- Wide range application
- Accepts 0.2~5.0L/min. flow rate
- Suitable for little oxygen measurement

Application

- Inert gas line for semiconductor
- Nitrogen re-flow furnace
- Nitrogen PSA
- Atmosphere furnace
- I.G.S., I.G.G. for tanker
- Steam

etc.

What's TB- II F series

This TB- II F series is used for measuring industrial gas mainly, and it's measuring range is the largest in our lines. It can be used with Control unit※ by connecting signal cable.

※C-28C or C-48 is applicable. (Please refer to other Control unit brochure for details.)

Specification

Model	TB- II F-P (High response type)	INLET & OUTLET : Rc1/8
	TB- II F-R	INLET & OUTLET : Rc1/4
	TB- II F-S	INLET & OUTLET : O.D.3/8" Swagelok connector
	TB- II F-V	INLET & OUTLET : 4VCR body
Drift	Less than ±2%FS/Week	
Sample gas pressure	TB- II F-V	203kPa~1.33×10 ⁻³ Pa (2atm~10 ⁻⁵ Torr)
	Others	203kPa~1.33×10 ⁻¹ Pa (2atm~10 ⁻³ Torr)
Sample gas temp.	300°C MAX.	
Flow rate	TB- II F-P	0.2~2L/min.
	Others	0.5~5L/min.
Sampling	Injection or absorption by pump, or aspirator	
Linearity	The larger either of less than ±1%FS or ±1ppm	
Repeatability	The larger either of less than ±1%FS or ±1ppm	
Response	90% reading 10sec. (Swinging to high concentration side)	
Warm-up time	Approx. 20 minutes	

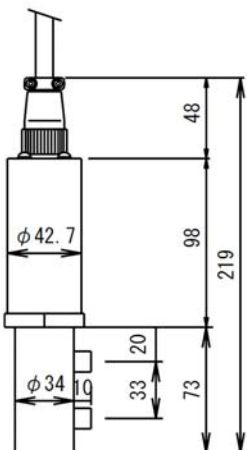
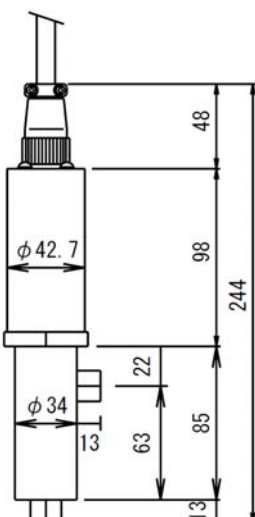
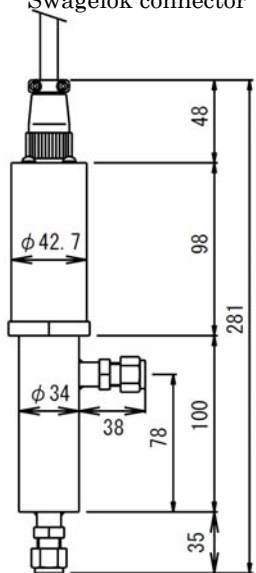
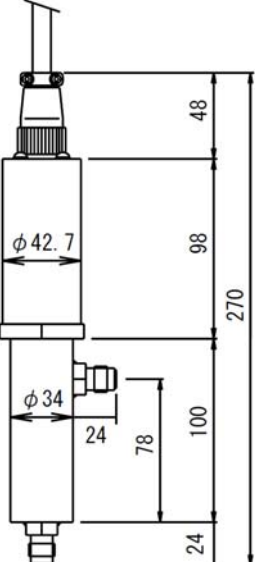
※About 2 years warranty

•It is limited our original instrument only.

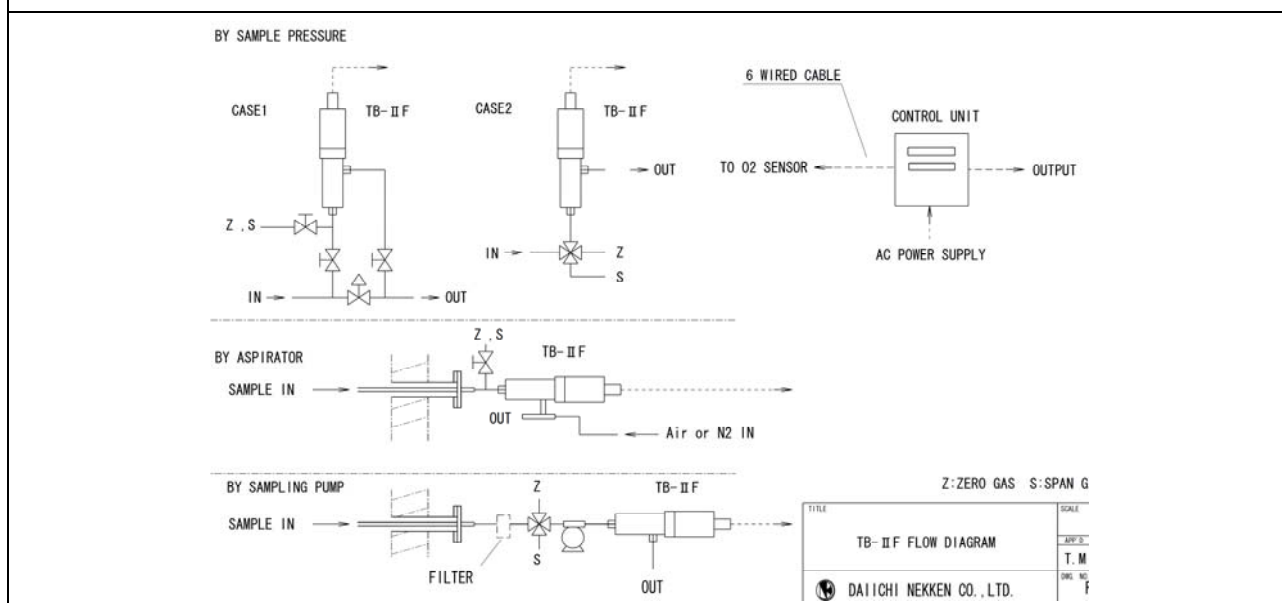
•Consumption parts such as filter, O-ring are except.

•In case of the sampling gas contains strong acidity, strong alkaline, or corrosiveness, it may be out of warranty.

Dimensions & Flow sheet

TB-II F-P INLET & OUTLET : Rc1/8	TB-II F-R INLET & OUTLET : Rc1/4	TB-II F-S INLET & OUTLET : O.D.3/8" Swagelok connector	TB-II F-V INLET & OUTLET : 4VCR body
			

Flow sheet



Inquiry



Daiichi Nekken Co.,Ltd.

13-22 Nishikura-Cyo, Ashiya-City,
 Hyogo-Prefecture, Japan ZIP:659-0026
 TEL 0797-31-2410 / FAX 0797-31-8951
 URL <http://www.daiichinekken.co.jp>
 E-mail info@daiichinekken.co.jp