

High density Oxygen Analyzer FG series



What's FG series

This is high density oxygen analyzer using limiting current method of Zirconia electrolyte.

Features

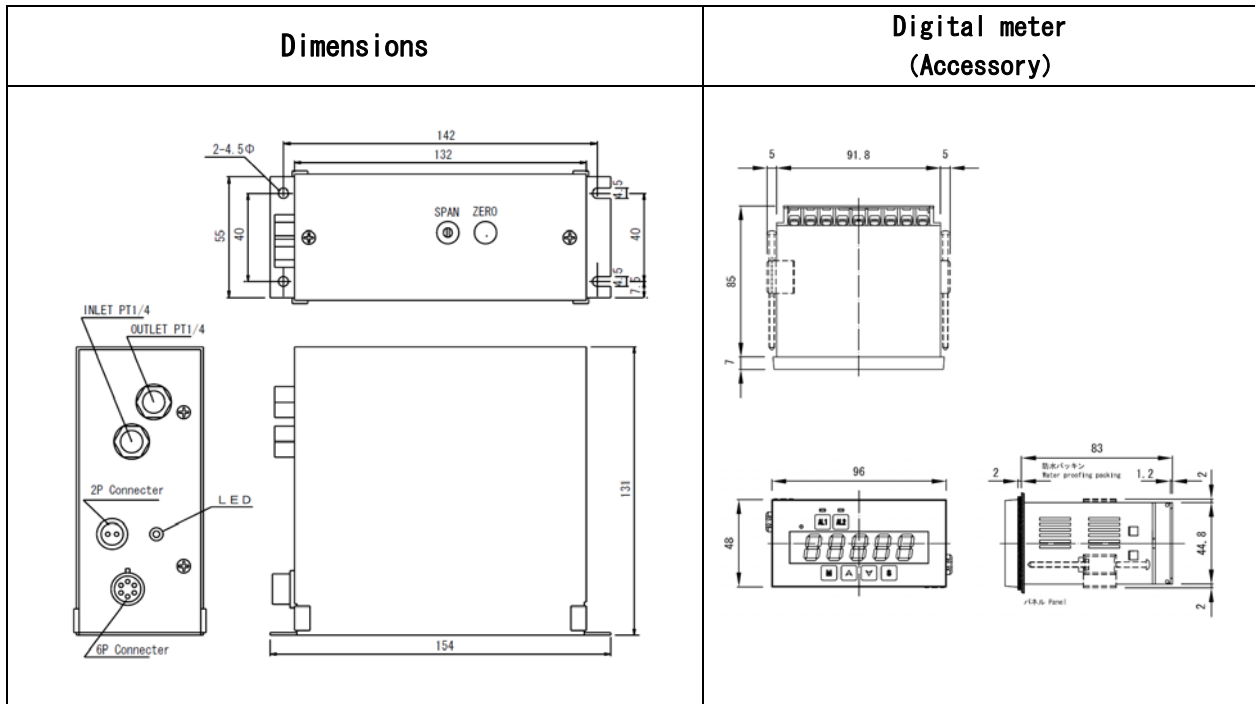
- ◎ It does not need reference gas and not be influenced by environment.
- ◎ Long-term stability measurement.
- ◎ Small and light.

Specification

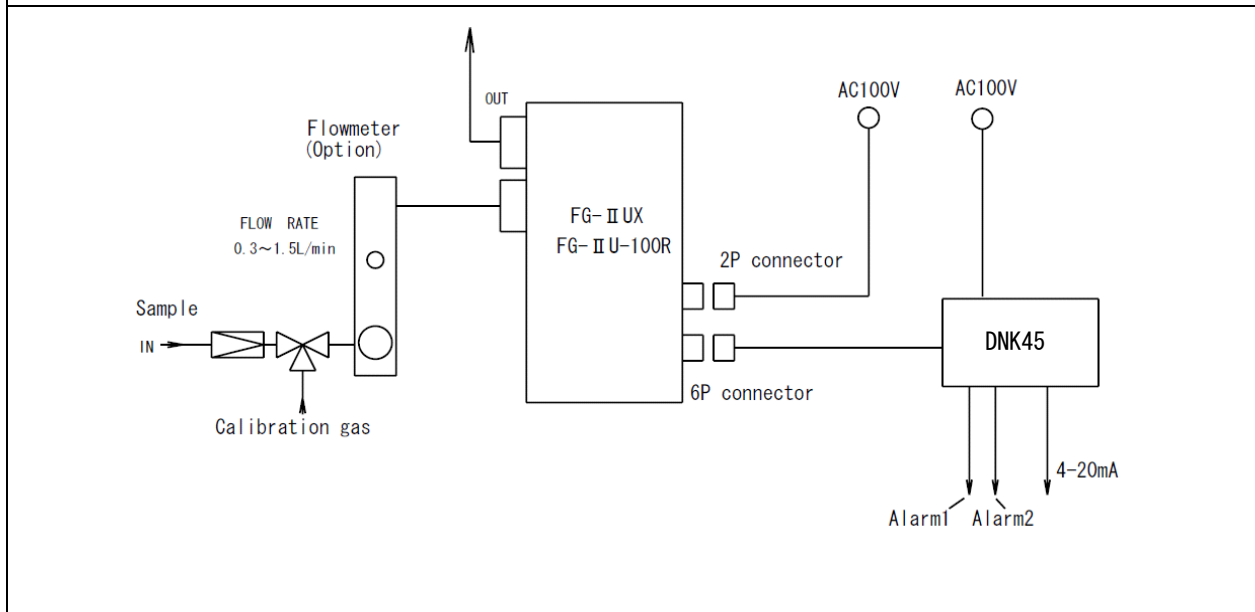
M o d e l	FG - IIUX-S	FG- II U-100RS
P r i n c i p l e	Limiting current method of Zirconia electrolyte	
I n s t a l l a t i o n	Indoor type、Plane・Wall type ※ Meter: Panel type	
A p p l i c a t i o n	O ₂ PSA、The oxygen enricher etc.	Synthetic air for the hospital etc.
R a n g e	0%O ₂ ~95%O ₂	0%O ₂ ~25%O ₂
D i s p l a y	00.00%~100.00%O ₂	00.00%~25.00%O ₂
O u t p u t	D. C. 4~20mA to 0~100%O ₂	D. C. 4~20mA to 0~25%O ₂
A l a r m	Output alarm 2 points	
L i n e a r i t y	Less than ±1%FS	
R e p e a t a b i l i t y	Less than ±1%FS	
R e s p o n s e	90% reading in 10 sec. (Swinging to a high density side)	
D r i f t	Less than ±1%/month	
S a m p l i n g	Introduce (positive pressure)	
G a s P r e s s u r e	0.01~0.05 MPa	
G a s t e m p e r a t u r e	80°C max	
T u b i n g	Inlet & Outlet PT1/4	
W a r m - u p	About 20 minutes	
P o w e r	Power : AC100±10V 50/60Hz 50VA max	
T e m p e r a t u r e	0~50°C	
A c c e s s o r y	Connecting cord、Power cord 3m、Digital meter (DNK45)	
O p t i o n	Flow meter with needle valve	

※For the improvement, the specification and design may be changed without prior notice.

Dimensions & Flow Diagram



Flow Sheet



Inquiry

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