

Control unit C-58



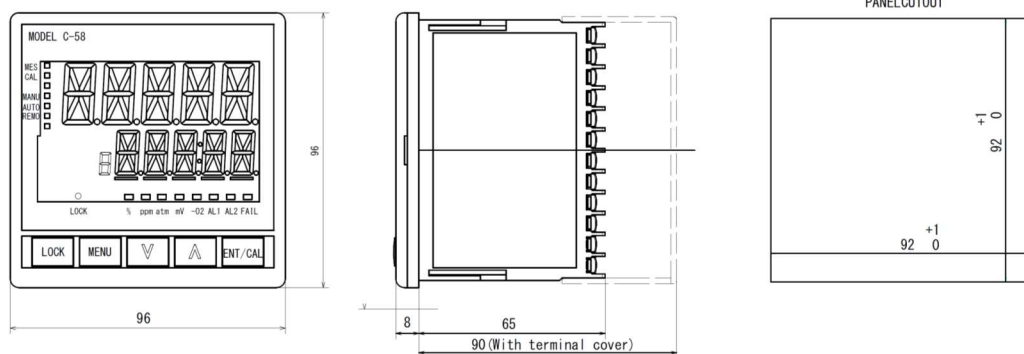
**MODBUS
PROTOCOL**

Feature

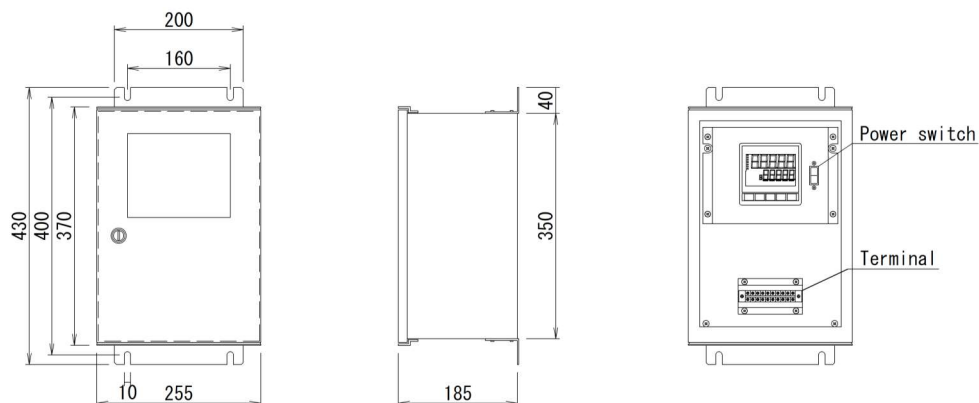
- Compact and useful DIN size (96mm×96mm, approx.. 300g)
- Free scale range
- Good visibility, large display
- Normally equipped RS-485, MODBUS communication
- Stable concentration by improved thermal control

Diagram drawing

Panel mount type



Wall mount type



Specification

This is an instrument which controls sensor's temperature and converts the cell EMF to oxygen concentration, signal output etc. with our zirconia oxygen sensor.

Dimensions	96W×96H×65D (90D with terminal cover)	
W e i g h t	Approx. 330g	
P o w e r	100~240VAC 50/60Hz	
D i s p l a y	Segment type LCD	
	Upper 5 digits • Lower 5 digits • Status lamp 14pcs	
R a n g e	1~3 (Possible to set freely in the display range)	
	MODEL NAME : C-58-1(1 range), C-58-2(2 ranges), C-58-3(3 ranges)	
Display ranges	%	0.00~100.00 or 0.0~100.0 (0.00~200.00 or 0.0~200.0)
	ppm	0.0~9999.9 or 0.00~999.99 (0.0~9999.9)
	atm	-35.00~0.00 (-37.00~0.30)
	mV	-100.0~1500.0 (-150.0~1550.0)
	-O2%	-20.00~100.00 (-30.00~200.00)
Contact input	Input	4 points
	Function	① Output hold
		② Remote calibration (Easy calibration by air)
		③ Remote range
O u t p u t	DCA	D.C.4~20mA
	DCV	D.C.0~1V, 0~5V, 0~10V (Choose one either)
Contact output	points	Relay contact 3 pcs (A contact) • Open collector 2 pcs
	Function	① Concentration alarm (Selectable Hi/Lo, Hi/H • Hi, Lo/L • Lo)
		② Failure alarm (Sensor temp. failure))
		③ Range answer
		④ Measurement status
Communication	RS-485、MODBUS/RTU	
Range select	Manual／Auto／Remote	
O t h e r s	Cell EMF display, Sensor temp. display, Key lock function	

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

Inquiry



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