

Specification Sheet

YMINI48 Series : 1/4DIN (48×48)

DO Transmitter

Subcompact analyzer in compliance with CE Directive

Features

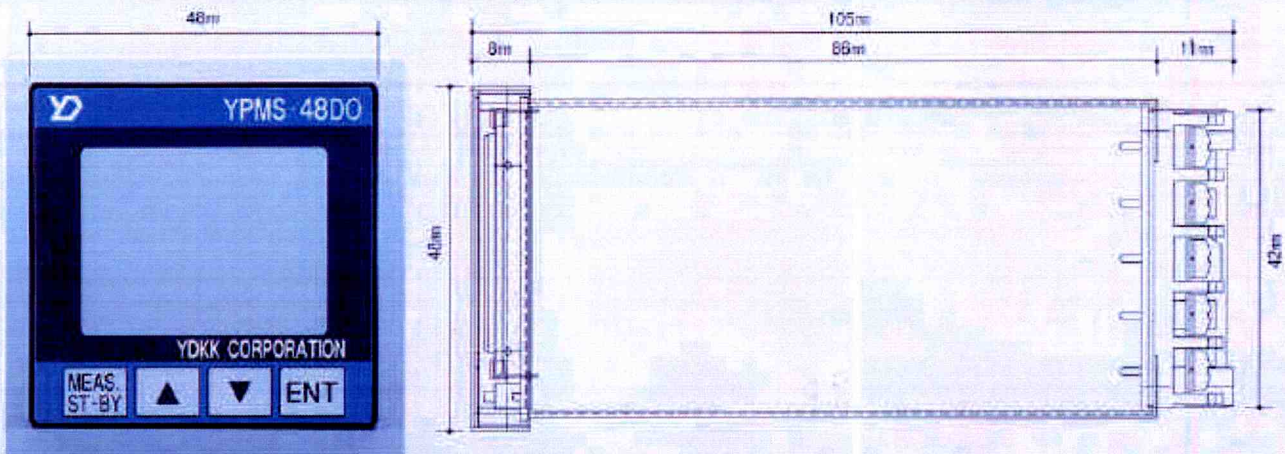
- CE marked subcompact analyzer series.
- DIN 48×48, compact body.
- Simple keypad command calibration with reference solution.
- Displays parameter on sub-screen.
- Free voltage 100~240V AC.
- Low power consumption of 5VA.
- Memory backup.
- Transmission output adjustable to rspecified range.



Specifications

Product Name:	DO analyzer.	Calibration:	Simple keypad operation for calibration as well as manual operation.
Model:	YPMS-48DO.	Output During Maintenance:	Specify one among Dummy, Hold or Through.
Measurement Range:	DO; 0~50mg/L. SAT; 0~100% (Resolution; 0.1%) O ₂ ; 0~25%. (Resolution; 0.1%) Temp; 0~100°C. (Resolution; 0.1°C)	Zero Adjustment:	Adjustable between -0.05 μA~0.05 μA
Repeatability:	Within ±0.05mg/L or ±1%FS, whichever larger, at electric input equivalent to DO electromotial force.	Slope Adjustment:	60~140%.
Transmission Output:	4~20mADC to, - DO; adjustable setting to the bands: 0~1, 2, 5, 10, 20, 25, 30, 50mg/L. - SAT; 0~100% - O ₂ ; 0~25%. One of three is output.	Reference Solution Temp.:	0~50°C.
Control Output:	Independent output contacts for lower and upper limits, available to switch over to output of maintenance signal or warning signal by key setting. Rating; 240VAC 1A or 50V DC 0.5A.	Temp. Calibration Range:	Measurement ±5°C
		Burnout Function:	Active in emergency cases
		Mode Control Input:	Switches measure./ maintenance mode.
		Power Source:	100~240V AC, 50/60Hz
		Power Consumption:	5VA
		Installation:	Panel mount, Panel cut; 45 x 45(mm) Panel thickness; Max. 4.0mm.

Illustration of Actual Size

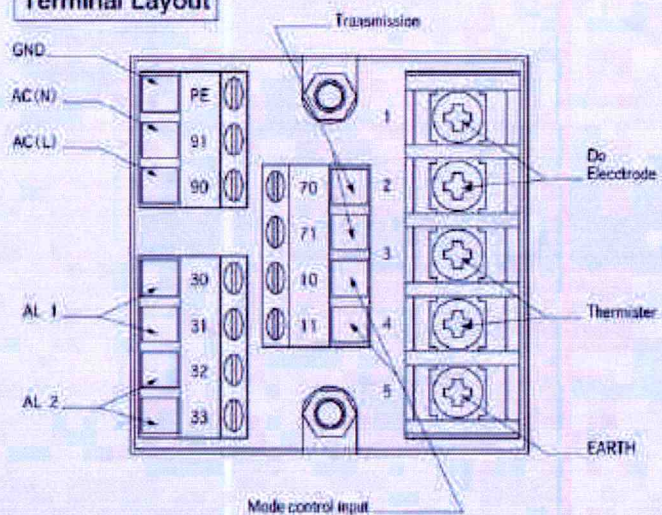


Warning Functions & Messages

- Zero adjustment fail
- Span adjustment fail
- Stability check fail
- Measured value abnormal
- Temp. abnormal
- EEPROM trouble
- Measured data abnormal

- E-1
- E-2
- E-5
- • •
- E-30
- E-20
- E-21

Terminal Layout



Specifications are for a typical system and are subject to change without notice.



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