

HD-480

(Panel mounted type)



HD-480 Specifications	
Measuring method	Galvanic cell method
Measuring range	Dissolved oxygen: 0 to 20 mg/L: Accuracy 0.01mg/L Saturation ratio: 0 to 200%: Accuracy 1% Temperature: 0 to 40°C: Accuracy 0.1°C
Repeatability	±0.5% full-scale or less (for equivalent input)
Linearity	±0.5% full-scale or less (for equivalent input)
Transmission output	4 to 20 mA DC Input/output insulated type Maximum load resistance 900 Ω
Transmission output range	Freely settable within measuring range
Contact output	Output points: 2 points (R1, R2) Contact format: Relay contact SPDT (1c) Contact capacity: 240 V AC 3 A, 30 V DC 3 A (resistance load) Contact function: Selectable from upper, lower limit operation (ON/OFF control) and malfunction alarm, maintenance operation, temperature
Calibration function	· Atmospheric calibration, saturated liquid calibration · Salinity correction (0.0 to 5.0%) · Temperature calibration (2 points)
Hold function	Selectable from preceding hold, specified value hold, continuous operation
Self-diagnosis function	· Calibration failure (zero error, sensitivity error) · Sensor diagnosis (temperature sensor short-circuit, temperature sensor disconnection) · Outside measuring range · Converter malfunction
Temperature compensation range	0 to 40°C
Ambient temperature	-5 to 45°C
Compatible sensor	Probe: DP-100 Sensor: 5400, 5405
Compatible standard	CE marking, FCC regulations

Probe

Dissolved oxygen meter

Specifications

Product name	DP-100
Construction	Immersion type
Measurement solution temperature	0 to 40°C
Solution contact material	PVC, titanium, CR
Combined sensor	5400, 5405

[Immersion type probe]

Directly immerse the probe in the measurement solution during use. No special installation work is required. Immersion type holders / flow type holders are available according to the application.



DP-100

DO Sensor

Specifications

Product name	5405
Construction	Cartridge replacement disposable type
Cleaner combination	Possible
Film thickness	50 μm
Responsiveness (for same measurement conditions)	90% response 120 sec. or less
Measurement solution conditions	Temperature: 0 to 40°C Pressure: 0 to 0.1 MPa (DO measurement is possible to a maximum depth of 10 m.) Flow velocity: 25 cm/sec. or more
Film material	PTFE
Combined probe	DP-100



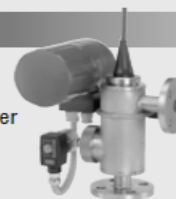
5400

[Disposable type sensor]

The film recovering work required when renewing conventional electrodes is no longer necessary and anyone can easily perform replacement. In addition, disposable type sensors deliver high quality and low cost.

Cleaner

Water/air jet Cleaner
Flow type
JDF-30



Water/air jet Cleaner
Immersion type
JDH-10

