### OXYGEN MONITOR OX-600 SPECIFICATION

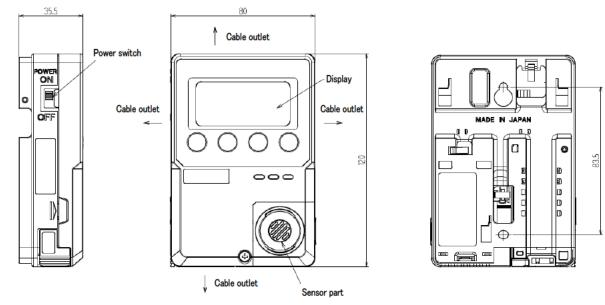
Detection principle     Galvanic cell type       Gas to be detected     Oxygen       Concentration display     LCD digital display (Three-digit, seven-segment/green, oral backlight)	
Concentration displayLCD digital display (Three-digit, seven-segment/green, or al backlight) who backlight during normal operation for the dry battery typeDetection range**10~25vol%:0.1vol%/0~50vol%Display resolution**10~25vol%:0.1vol%/0~50vol%:0.5vol%Detection methodDiffusion typeAlarm setpoint**1Detection range 0~25vol%: 1st 19vol%(L)/2nd 18vol%(L) [StAccuracy of the reading (under the same conditions)**2Within ±0.7vol%(25vol% or less), ±3.0vol%(25.1vol% or mor (under the same conditions)**2Alarm delay time (under the same conditions)**290% response: within 30 secondsAccuracy of Alarm setpoint**2Difference between Alarm setpoint and indicated value of wa are zero.Gas alarm type**1Two-step alarm (L-LL, L-H or H-HH)Gas alarm display1st: Lights up the concentration display and backlight (oran 2nd: Lights up the concentration display and backlight (re Gas alarm contact**1Fault alarm/self diagnosisSystem abnormalities/sensor connection abnormalitiesFault alarm displayAlarm detail display and backlight (or an 2nd: Lights up the concentration display and backlight (or an 2nd: Lights up the concentration display and backlight (re Gas alarm pattern**1Self-latching or non latching (Auto-reset), Lock-in No-voltage contact la or 1b and normalitiesFault alarm displayAlarm detail display and backlight (re contact capacityTransmission specificationsSystem abnormalities/sensor connection abnormalitiesFault alarm patternNon latching (auto-reset)Contact capacity125VAC·1A or 30VDC·1A (Resistance load)Transmission specifica	
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*No backlight during normal operation for the dry battery type     Detection range <sup>%1</sup> O~25vol%/O~50vol%     Display resolution <sup>%1</sup> O~25vol%:0.1vol%/O~50vol%: 0.5vol%     Detection method   Diffusion type     Alarm setpoint <sup>%1</sup> Detection range 0~25vol%: 1st 19vol%(L)/2nd 18vol%(L) [St Detection range 0~25vol%: 1st 18vol%(L)/2nd 25vol%(H) [St Accuracy of the reading (under the same conditions) <sup>%2</sup> Response time   90% response: within 30 seconds     (under the same conditions) <sup>%2</sup> For an oxygen deficiency alarm (18vol% L alarm), 5 seconds or detecting a 10 to 11vol% gas     Accuracy of Alarm setpoint <sup>%1</sup> Difference between Alarm setpoint and indicated value of wai are zero.     Gas alarm type <sup>%1</sup> Two-step alarm (L-LL, L-H or H-HH)     Gas alarm display   1st: Lights up the concentration display and backlight (oran, 2nd: Lights up the concentration display and backlight (oran, 2nd: Lights up the concentration display and backlight (ren response to an alarm)     Fault alarm/self diagnosis   System abnormalities/sensor connection abnormalities     Fault alarm display   Alarm detail display and backlight blinking (orange), buzz     Contact capacity   125VAC·1A or 30VDC·1A (Resistance load)     Transmission specifications   4-20mADC (no-insulation/load resistance under 300Ω) or 0 (no-insulation)     **1   100-120VAC±10% (50/60Hz), 24VDC±10% or AA alkaline dry battery (2pcs.)	-
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DC specification: Max. 3WDry batteryApprox.1 year (25°C, no alarm and no lighting)	
Dry battery Approx.1 year(25°C, no alarm and no lighting)	
Continuous operating time *When using two AA alkaline dry batteries	
Initial clear Approx. 25 seconds	
Operating temperatures -10~40°C (at a constant condition)	
Operating humidities Below 90%RH (Non-condensing)	
Operating pressure Atmospheric pressure (80kPa~105kPa)	
Structure <sup>%1</sup> Wall mounting type, sensor integrated type or remote type	
Outline dimensionsMain unit: Approx. 80 (W) x 120 (H) x 35.5 (D) mm	
Remote sensor: Approx. 40(W)x96(H)x35.5(D)mm (projection p	ortions
excluded)	
Weight AC specification: Approx. 200g	
DC specification: Approx. 180g	
Dry battery type: Approx. 230g	
Remote sensor part: Approx. 55g (cable excluded) ————————————————————————————————————	

※1 Please specify your request when ordering.

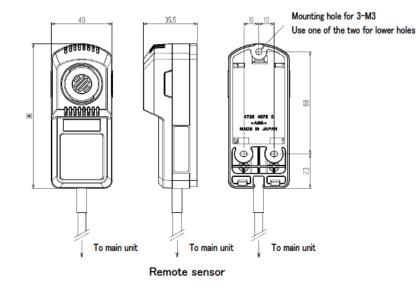
%2 In conformity to JIS T8201 2010(Oxygen deficiency indicator) .

# Outline Drawings

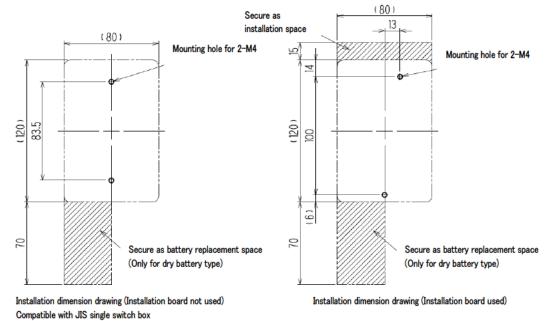
<Main body>



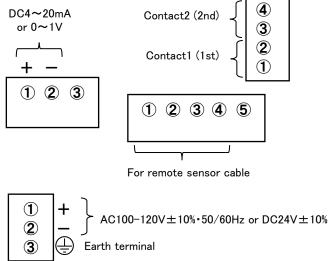
<Remote sensor>



## Installation dimension drawing



RSE-0571-4



#### RSE-0668-4

### OXYGEN MONITOR OX-600 (with backup power) SPECIFICATION

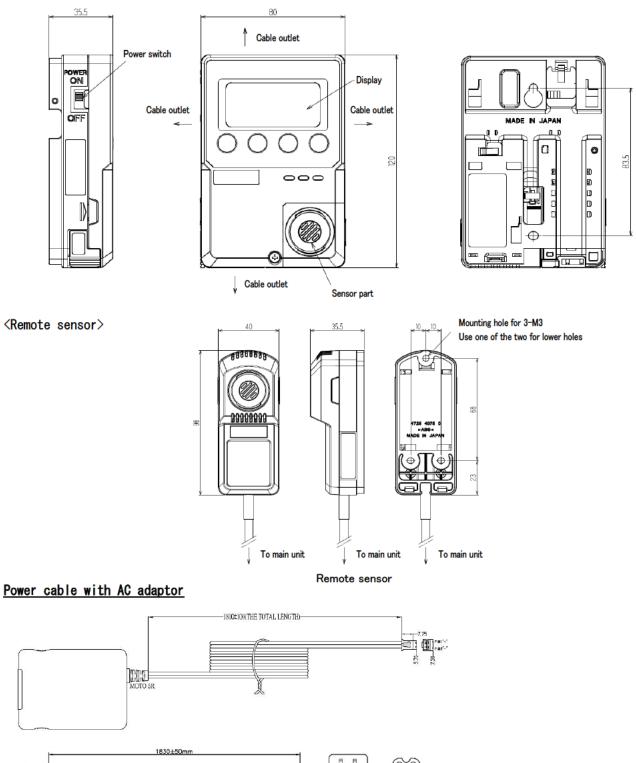
Detection principle	Galvanic cell type
Gas to be detected	Oxygen
Concentration display	LCD digital display (Three-digit, seven-segment/green, orange and red
	backlight)
Detection range <sup>%1</sup>	0~25vo1%/0~50vo1%
Display resolution	0~25vol%∶0.1vol%/0~50vol%∶0.5vol%
Detection method	Diffusion type
Alarm setpoint <sup>%1</sup>	Detection range 0~25vol%: 1st 19vol%(L)/2nd 18vol%(LL)[Standard] Detection range 0~50vol%: 1st 18vol%(L)/2nd 25vol%(H) [Standard]
Accuracy of the reading (under the same conditions) <sup>32</sup>	Within $\pm 0.7$ vol%(25vol% or less), $\pm 3.0$ vol%(25.1vol% or more)
Response time (under the same conditions) <sup>**2</sup>	90% response: within 30 seconds
Alarm delay time (under the same conditions) <sup>**2</sup>	For an oxygen deficiency alarm (18vol%L alarm), 5 seconds or less after detecting a 10 to 11vol% gas
Accuracy of Alarm setpoint *2	Difference between Alarm setpoint and indicated value of warning alarm are zero.
Gas alarm type <sup>%1</sup>	Two-step alarm (L-LL, L-H or H-HH)
Gas alarm display	1st: Lights up the concentration display and backlight (orange), buzzer 2nd: Lights up the concentration display and backlight (red), buzzer
Gas alarm pattern <sup>%1</sup>	Self-latching or non latching (Auto-reset), Lock-in
Gas alarm contact <sup>%1</sup>	No-voltage contact 1a or 1b and normally de-energized (energized in response to an alarm)
Fault alarm/self diagnosis	System abnormalities/sensor connection abnormalities
Fault alarm display	Alarm detail display and backlight blinking (red), buzzer
Fault alarm pattern	Non latching (auto-reset)
Contact capacity	125VAC·1A or 30VDC·1A (Resistance load)
$\underset{\gg_1}{\text{Transmission specifications}}$	$4{\sim}20mADC$ (no-insulation/load resistance under $300\Omega)$ or $0{\sim}1VDC$ (no-insulation)
Cable for gas detector head <sup>**</sup>	Dedicated cable for remote (3, 5, 10 or 20 m)
Power cable	Power cable with AC adaptor (approx. 3.6 m)
Power supply	100-120VAC±10% (50/60Hz)
Power consumption	Max. 5VA
Backup power operating time	Approx. 4 hours(25°C, no alarm and no lighting)
Initial clear	Approx. 25 seconds
Operating temperatures	-10~40°C (at a constant condition)
Operating humidities	Below 90%RH (Non-condensing)
Operating pressure	Atmospheric pressure (80kPa~105kPa)
Structure <sup>%1</sup>	Wall mounting type, sensor integrated type or remote type
Outline dimensions	Main unit: Approx. 80(W) x120(H) x 35.5(D)mm Remote sensor: Approx. 40(W) x96(H) x35.5(D)mm (projection portions excluded)
Weight	AC adaptor: Approx. 49.8(W) × 26.3(H) × 68.2(D)mm Main unit: Approx. 200g Remote sensor part: Approx. 55g (cable excluded) AC adaptor: Approx. 82g(cable included)

%1 Please specify your request when ordering.

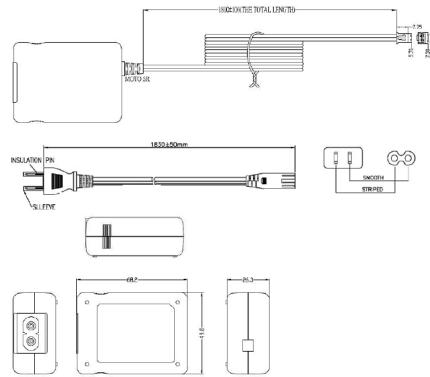
X2 In conformity to JIS T8201 2010(Oxygen deficiency indicator) .

## Outline Drawings

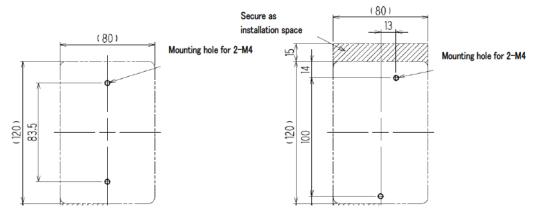
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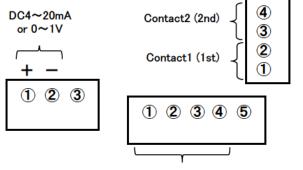




## Installation dimension drawing



Terminal Drawings



For remote sensor cable