

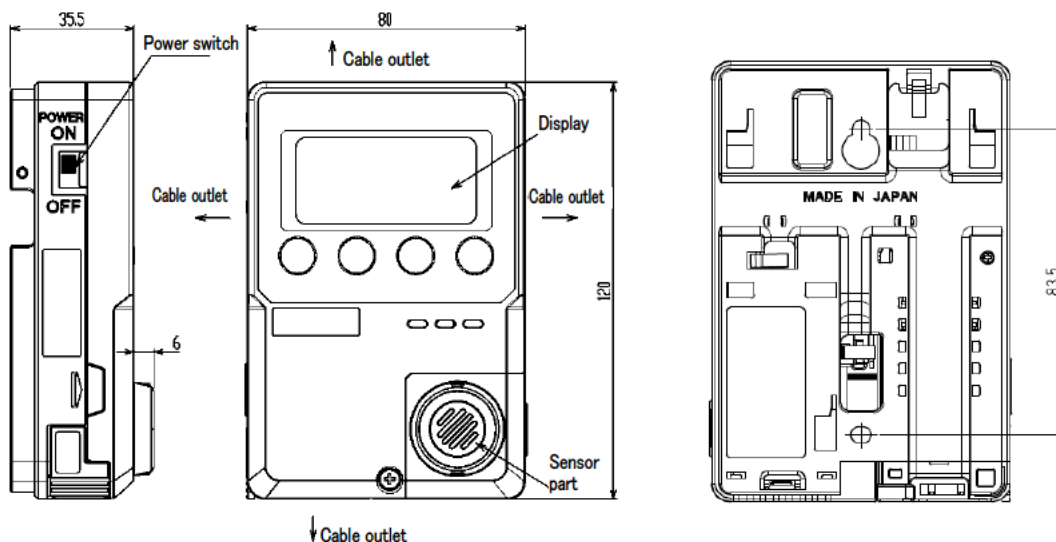
## **CARBON MONOXIDE MONITOR** **EC-600 SPECIFICATION**

Detection principle	Electrochemical type
Gas to be detected	Carbon monoxide
Concentration display	LCD digital display (Three-digit, seven-segment/green, orange and red backlight) *No backlight during normal operation for the dry battery type
Detection range	0~150ppm
Display resolution	1ppm
Detection method	Diffusion type
Alarm setpoint	50ppm(1st)/100ppm(2nd) [Standard setting]
Alarm delay time (under the same conditions)	Within 60 seconds after a gas with a concentration 1.6 times higher than the alarm setpoint is introduced
Gas alarm type	Two-step alarm (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 (orange), buzzer
Fault alarm pattern	Non latching (auto-reset)
Contact capacity	125VAC·1A or 30VDC·1A (Resistance load)
Transmission specifications <sup>※1</sup>	4~20mADC (no-insulation/load resistance under 300Ω) or 0~1VDC (no-insulation) *Only 0~1VDC for the dry battery type
Cable for gas detector head <sup>※1</sup>	Dedicated cable for remote (3, 5, 10 or 20 m)
Power supply <sup>※1</sup>	100-120VAC±10% (50/60Hz), 24VDC±10% or AA alkaline dry battery (2pcs.)
Power consumption	AC specification: Max. 5VA DC specification: Max. 3W
Dry battery Continuous operating time	Approx. 1 year (25°C, no alarm and no lighting) *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)
Structure <sup>※1</sup>	Wall mounting type, sensor integrated type or remote type
Outline dimensions	Main unit: Approx. 80 (W) x 120 (H) x 35.5 (D) mm Remote sensor: Approx. 40 (W) x 96 (H) x 35.5 (D) mm (projection portions excluded)
Weight	AC specification: Approx. 200g DC specification: Approx. 180g Dry battery type: Approx. 230g Remote sensor part: Approx. 55g (cable excluded)

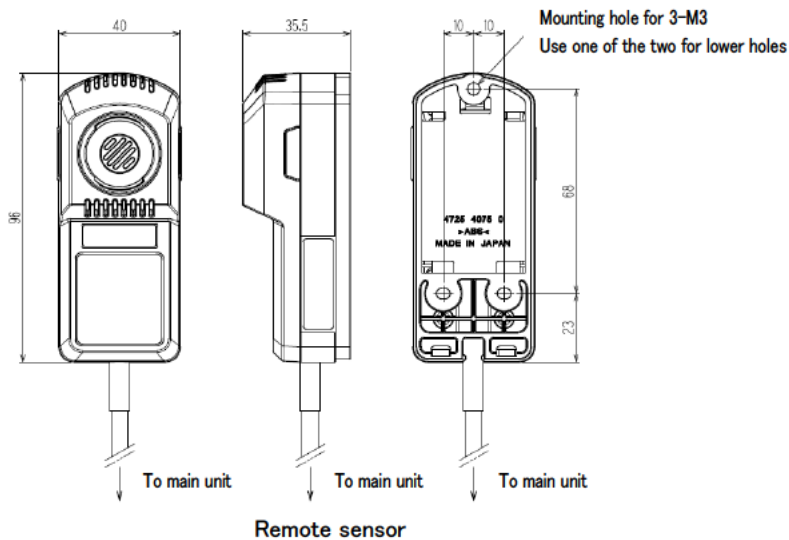
※1 Please specify your request when ordering.

**Outline Drawings**

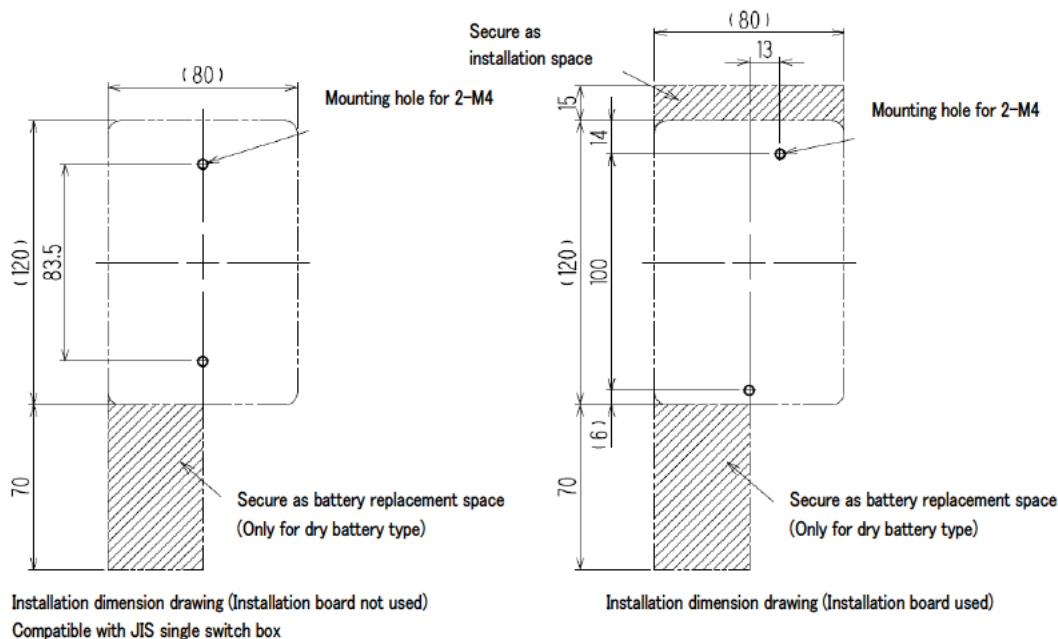
<Main body>



<Remote sensor>



**Installation dimension drawing**



Terminal Drawings

