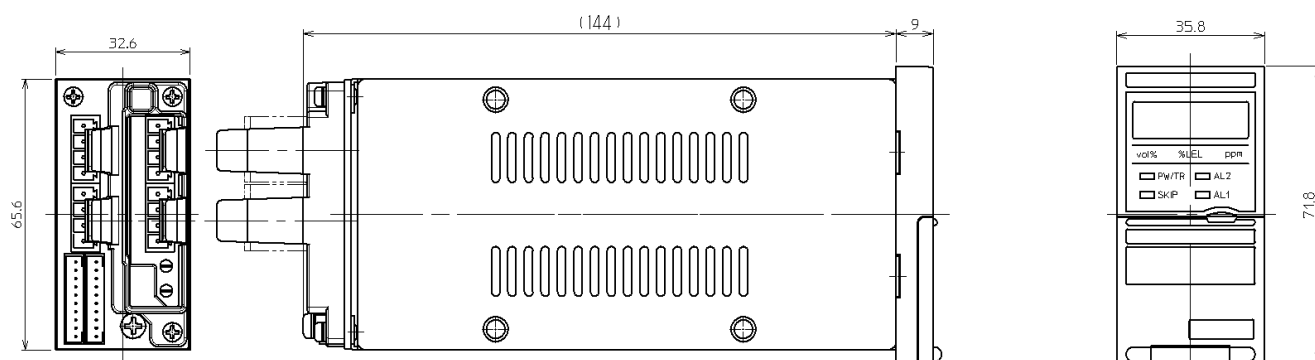


INDICATOR/ALARM UNIT EC-592 SPECIFICATION

Detectable gas	Toxic gas
Applicable detector head	Electrochemical method gas detector head Pyrolysis-particle method gas detector head
Gas concentration display	LED(4digits・7segments)
Power indication	PW/TR lamp lighting(green)
Gas alarm type	Two-level alarm(H-HH)
Gas alarm indication	1st : AL1 lamp blinking or lighting(orange) 2nd : AL2 lamp blinking or lighting(red)
Gas alarm action	Latched or Non-latched, Lock-in
Gas alarm contact	Each no-voltage contact 1a or 1b(contact output for each alarm) Non-exciting at normal(exciting at alarm) or exciting at normal(non-exciting at alarm)
Trouble alarm Self diagnosis	System failure/Detecting circuit failure Zero tracking failure/Flow failure of gas detector head
Trouble alarm indication	PW/TR lamp blinking/Indicates error codes
Trouble alarm action	Auto-recover
Trouble alarm contact	No-voltage contact 1a or 1b Non-exciting at normal(exciting at alarm) or exciting at normal(non-exciting at alarm)
Contact capacity	AC100V・0.5A/DC30V・1.5A(load resistance)
Transmission scheme	Analog transmission
Specification of transmission	DC4~20mA(non-isolated・load resistance less than 300Ω)
Gas detector head signal	DC4~20mA
Cable between detector	CVVS worth of shield cable・2-core
Distance between detector	Less than 1.25km by CVVS・1.25sq cable
Various functions	Alarm delay/Suppress/Zero tracking/Peak hold/Alarm trend history
Power supply	DC24V±10%
Power consumption	MAX. 5W(Gas detector head inc. MAX. 8VA by using Multi case)
Initial clear	Approx. 25sec
Operating temperature	0~40°C(non-rapidly-vary)
Operating humidity	10~90%RH(non-condensing)
Structure	Housing type for the case front identification card type(put into Single case or Multi case)
Outer dimension	Approx. 36(W) × 72(H) × 134(D)mm
Weight	Approx. 0.10kg(unit only)

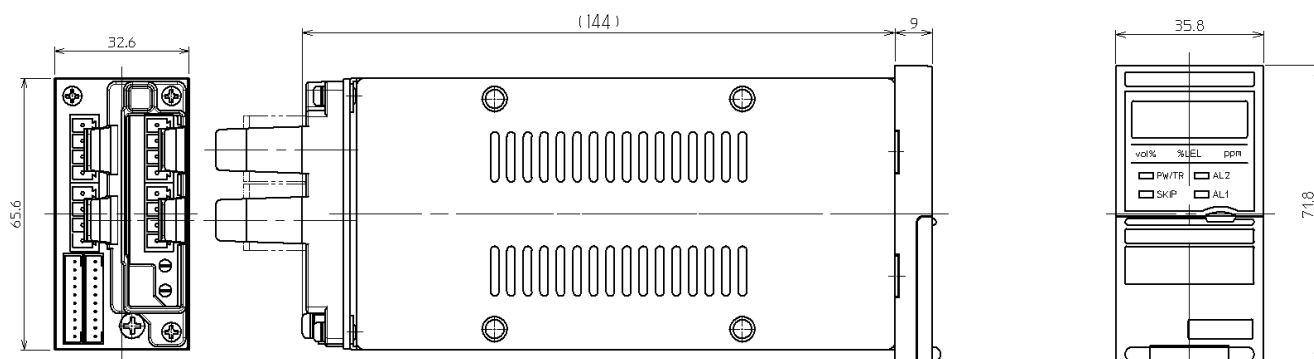
Outline Drawings : By using single case(below)
By using multi case(refer to specification of multi case)



INDICATOR ALARM UNIT OX-591 SPECIFICATION

Detection gas	:	<u>Oxygen</u>
Gas concentration display	:	By 4-digit LED (7 segments)
Applicable detector head	:	<u>Galvanic cell type detector head</u>
Signal from detector head	:	Direct transfer of the sensor output
Detector head cable	:	CVVS 2-core or equivalent
Distance to the detector head	:	Max 600m with CVVS(1.25sq) cable.
Transmission scheme	:	Analog transmission
Output signal	:	Direct current transmission (non-isolation) 4~20mADC, (Resistive load below 300Ω)
Gas alarm type	:	Two-level alarm(H-HH or L-H or L-LL)
Gas alarm		
Alarm performance	:	<u>Latched mode [standard] or Non-latched mode, Lock-in [option]</u>
1st alarm	:	Orange light (AL1) flashing or lighting <u>Non-exciting at normal(exciting at alarm) [standard] or exciting at normal(non-exciting at alarm) [option] a-contact [standard] or b-contact [option]</u>
2nd alarm	:	Red light (AL2) flashing or lighting <u>Non-exciting at normal(exciting at alarm) [standard] or exciting at normal(non-exciting at alarm) [option] a-contact [standard] or b-contact [option]</u>
Relay contact	:	0.5A at 100VAC, 1.5A at 30VDC (Resistive load)
Trouble alarm		
Alarm performance	:	Non-latched mode
Alarm display	:	Green light (PW/TR) flashing/Content display
Alarm contact	:	<u>Non-exciting at normal(exciting at alarm) [standard] or exciting at normal(non-exciting at alarm) [option] a-contact [standard] or b-contact [option]</u>
Relay contact	:	0.5A at 100VAC, 1.5A at 30VDC (Resistive load)
Self-diagnostic function	:	<u>System failure, Detector head connection failure,</u>
Initial clear time	:	Approx 25 sec.
Operating temp. & humidity	:	0~40°C, 10~90%RH (Non-condensing)
Various functions	:	Alarm delay/Suppress/Peak hold/Alarm trend history
Power requirement	:	24VDC ± 10%
Power consumption	:	<u>Max 5W (with single case) or Max 8VA (with multi-unit case)</u>
(including detector head)		
Structure	:	Housing type for the case, front identification card type
Dimensions & weight	:	Approx. 36 (W) × 72 (H) × 134 (D)mm, approx 0.1kg(unit only)

Drawings ※By using single case (below) or by using multi case (refer to specification of multi case)



INDICATOR/ALARM UNIT RM-593 SPECIFICATION

Detectable gas	Depend on gas detector head
Applicable detector head	Various detector heads
Gas concentration display	LED (4digits · 7segments)
Power indication	PW/TR lamp lighting (green)
Gas alarm type	Two-level alarm (H-HH or L-H, L-LL)
Gas alarm indication	1st : AL1 lamp blinking or lighting (orange) 2nd : AL2 lamp blinking or lighting (red)
Gas alarm action	Latched or Non-latched, Lock-in
Gas alarm contact	Each no-voltage contact 1a or 1b (contact output for each alarm) Non-exciting at normal (exciting at alarm) or exciting at normal (non-exciting at alarm)
Trouble alarm Self diagnosis	System failure/Detecting circuit failure
Trouble alarm indication	PW/TR lamp blinking/Indicates error codes
Trouble alarm action	Auto-recover
Trouble alarm contact	No-voltage contact 1a or 1b Non-exciting at normal (exciting at alarm) or exciting at normal (non-exciting at alarm)
Contact capacity	AC100V · 0.5A/DC30V · 1.5A (load resistance)
Transmission scheme	Analog transmission
Specification of transmission	DC4~20mA (non-isolated · load resistance less than 300Ω)
Gas detector head signal	DC4~20mA
Cable between detector	CVVS worth of shield cable · 3-core (power, signal, common)
Various functions	Alarm delay/Peak hold/Alarm trend history
Power supply	DC24V ± 10%
Power consumption	MAX. 5W (MAX. 8VA by using Multi case)
Initial clear	Approx. 25sec
Operating temperature	0~40°C (non-rapidly-vary)
Operating humidity	10~90%RH (non-condensing)
Structure	Housing type for the case front identification card type (put into Single case or Multi case)
Outer dimension	Approx. 36 (W) × 72 (H) × 134 (D) mm
Weight	Approx. 0.10kg (unit only)

Outline Drawings : By using single case (below)
By using multi case (refer to specification of multi case)

