

# Drawings

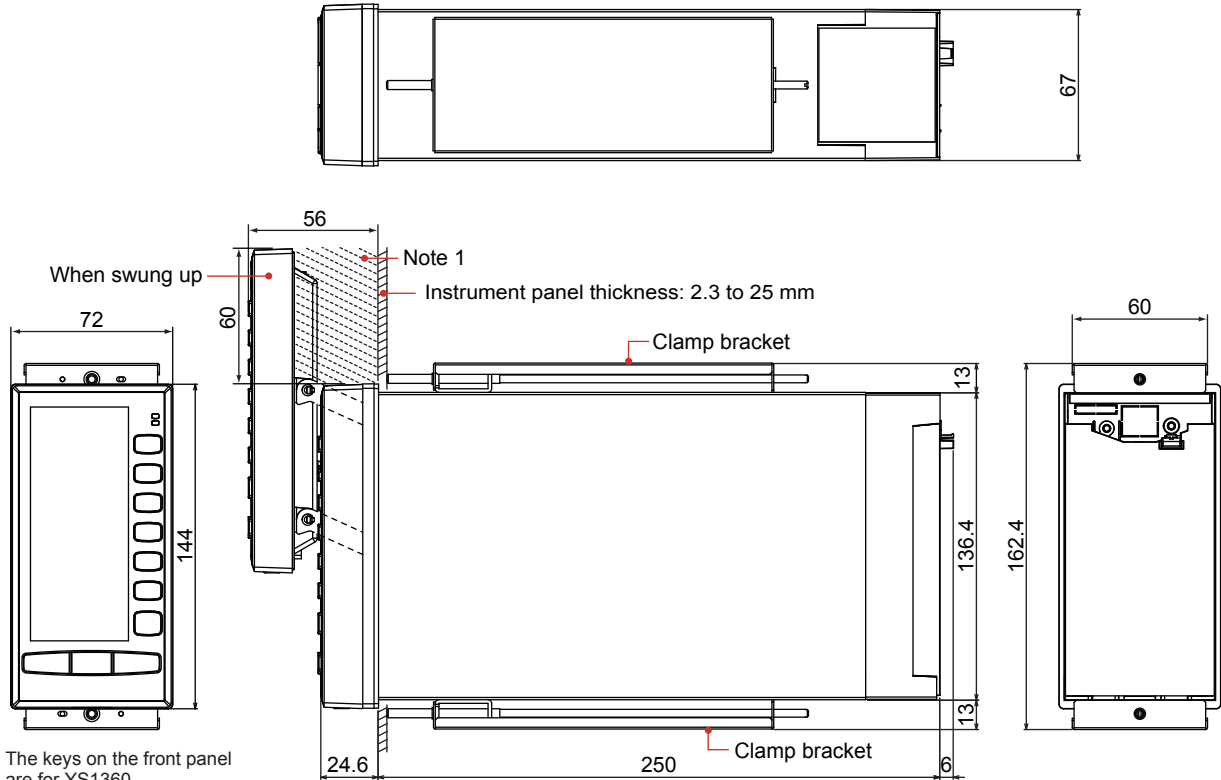
YS1310 Indicator with Alarm  
 YS1350 Manual Setter for SV Setting  
 YS1360 Manual Setter for MV Setting  
 (YS13□0-□0□)



SD 01B08D01-01E

Unit: mm

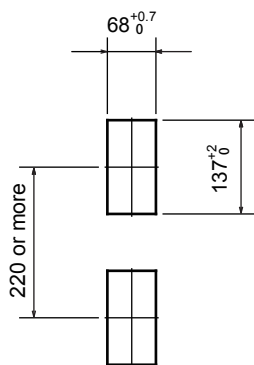
## <External Dimensions>



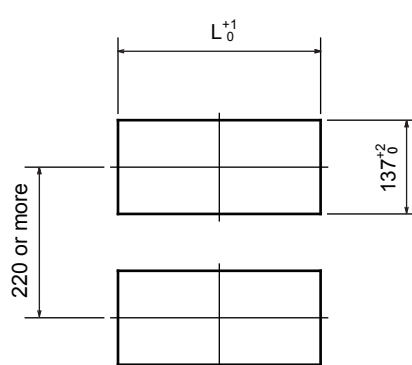
Weight: 1.6 kg (Basic type)

### Panel Cutout Dimensions

For single mounting:



For side-by-side mounting:



### Panel Cutout Width for Side-by-side Mounting

Number of instruments to be mounted	L(mm)
2	140
3	212
4	284
5	356
6	428
7	500
8	572
9	644
10	716
11	788
12	860
13	932
14	1004

### Trigonometry

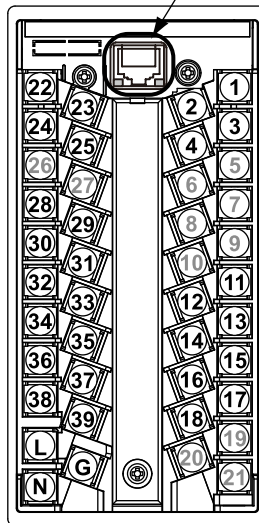
General tolerance =  $\pm(\text{value of tolerance class IT18 based on JIS B 0401-1998}) / 2$

Note 1: If a nameplate, etc. is installed within 60 mm above the instrument, the height of the nameplate, etc. must be 30 mm or less from the panel surface.

Note 2: To ensure good air ventilation, allow space of 100 mm or more at the top and bottom of the panel.

## <Terminals Layout>

YS1310/YS1350/YS1360

Ethernet Communication  
(Optional code /A34)

**<Terminal Arrangement Table>**

Terminal number	YS1310	YS1350	YS1360	User settings (Note 6)
1 2	+ > Measurement input 1 - > (1-5V DC)	+ > Measurement input 1 - > (1-5V DC)	+ > Measurement input 1 - > (1-5V DC)	
3 4	+ > Measurement input 2 - > (1-5V DC)	+ > Cascade setting input (1-5V DC)	+ > Cascade setting input (1-5V DC)	
5				
6				
7				
8				
9				
10				
11 12	+ > FAIL output (Note 1)	+ > FAIL output (Note 1)	+ > FAIL output (Note 1)	
13	Connection of transmitter supply power (24V DC) (Note 2)	Connection of transmitter supply power (24V DC) (Note 2)	Connection of transmitter supply power (24V DC) (Note 2)	
14	Communication terminal SG	Communication terminal SG	Communication terminal SG	
15	Communication terminal SDA (-)	Communication terminal SDA (-)	Communication terminal SDA (-)	
16	Communication terminal SDB (+)	Communication terminal SDB (+)	Communication terminal SDB (+)	
17	Communication terminal RDA (-)	Communication terminal RDA (-) or LCS (+)	Communication terminal RDA (-) or LCS (+)	
18	Communication terminal RDB (+)	Communication terminal RDB (+) or LCS (-)	Communication terminal RDB (+) or LCS (-)	
19				
20				
21				
22 23			+ > Manipulated output variable 1 (4 to 20mA DC)	
24 25		+ > Setpoint value output (1-5V DC)	+ > Manipulated output variable 2 (1-5V DC)	
26				
27				
28 29	+ > High limit alarm output for PV 1 (Note 3)	+ > High limit alarm output (Note 4)	+ > High limit alarm output (Note 4)	
30 31	+ > Low limit alarm output for PV 1 (Note 3)	+ > Low limit alarm output (Note 4)	+ > Low limit alarm output (Note 4)	
32 33	+ > High-high limit alarm output for PV 1 (Note 3)			
34 35	+ > Low-low limit alarm output for PV 1 (Note 3)	+ > C/M status output (Note 4)	+ > C/M status output (Note 4)	
36 37	+ > OR output of high limit alarm output for PV 2 and low limit alarm output for PV 2 (Note 3)	+ > No function (Factory default) (Note 5)	+ > No function (Factory default) (Note 5)	
38 39	+ > OR output of high-high limit alarm output for PV 2 and low-low limit alarm output for PV 2 (Note 3)	+ > No function (Factory default) (Note 5)	+ > No function (Factory default) (Note 5)	
L N ⏏	+ > Power supply Grounding terminal	+ > Power supply Grounding terminal	+ > Power supply Grounding terminal	

Note 1: Using the terminals as fail output requires an external power supply.

Note 2: For a transmitter power supply, see "Wiring" of "Installation and Wiring" in each YS1000 Operation Guide.

Note 3: Using these terminals as digital output requires an external power supply. The settings in the table are the factory defaults. Digital inputs or digital outputs can be appropriately used by setting the DI/DO setting DIO16 engineering parameter. Functions can be set using the DI1F and DO1F to DO6F engineering parameters.

Note 4: Using these terminals as digital output requires an external power supply.

Note 5: The settings in the table are the factory defaults. Functions can be set using the DI1F and DI2F engineering parameters.

Note 6: If you change a function using the parameter concerned, enter the setting in the relevant field in the User settings column.

NOTE: Do not use an unused terminal as a relaying terminal, etc.