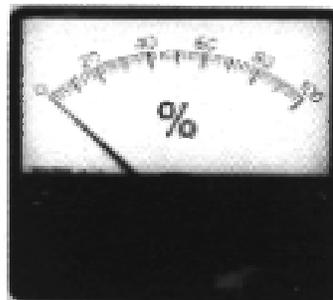


# Reception indicator (direct current meter)

YM-208NRI



## Specifications

Shape name				YM-208NRI	
Size ([yoko] ## shield) mm				85×75	
Operational principle				Moving-coil type	
Class (class)				2.5	
Graduation length (mm)				70	
Mass (kg)				0.1	
Meter Vessel Fixed Case With Paying/inserting Period Ku Amount	Direct Flow Electricity Flow	Instrument rating		Payment date	Internal resistance (##)
		100 ## a		21~60 day	2000Ω
		200 ## a			1200Ω
		300 ## a			1000Ω
		500 ## a			730Ω
		1mA note 1		Within 20 days	200Ω
		5mA			8Ω
		10mA			2Ω
		20mA			0.8Ω
		±0.5mA note 1			200Ω
	±1mA		100Ω		
	Zero		1~5mA	10Ω	
	[sa]		2~10mA	4Ω	
	[pu]		4~20mA	1Ω	
	[re]		10~50mA	2Ω	
	[su]				
	Direct Flow Electricity Pressure	Instrument rating		Payment date	Consumed electric current (approximately mA)
1,3,5,10,15V 30,50,60,100V		Within 20 days	1mA		
Zero			1~5V	1.25mA	
[sa]					
[pu]					
[re]					
[su]					

- Note
- 1 Instrument rating 1mA and  $\pm 0.5\text{mA}$  produce also internal resistance  $500\Omega$ . “Internal resistance  $500\Omega$ ” please appoint.
  - 2 When electric weight heaping (A, V, W, var,  $\cos\Phi$  and Hz) is, the graduation (primary side) the alternating-current/direct-current sign and three phase circuit sign are not indicated.  
The sign of the input quantity of the reception indicator is indicated.
- Remark
- (1) The zero suppression meter squeezing the zero of guide mechanically, is something which loses the zero.  
20% of maximum rating of the meter or it is production possible from value below that.
  - (2) When input of the indicator is direct current voltage, inside is attached also the adjusting resistance attaching meter which can produce the adjusting resistance in the indicator.  
(Specification adjusting the graduation to and so on it is packed and it can utilize)  
The adjustment range by the adjusting resistance is the  $\pm 5\% \sim \pm 20\%$  vis-a-vis maximum scale value.  
As for the adjusting resistance back of the indicator (the surface which has the terminal) you install.
  - (3) Please prepare industrial quantitative detector such as rpm detection device with the customer.

## Common specification

### \* Standard common specification

Standard	Indicating meter JIS C 1102, indicating meter external size JIS C 1103
Class	1.5 And 2.5 classes (as for frequency indicator 0.5 and 1.0 classes and power-factor indicator 5.0 class)
Category temperature range	$-5^{\circ}\text{C} \sim 50^{\circ}\text{C}$ (standard $23^{\circ}\text{C}$ )
Humidity	With the relative humidity 30~70% there is no adverse effect in the indication
Installation attitude	Vertical (the scale plate vis-a-vis the horizontal plane vertical meaning)
Scale plate	Ground colour: White
Cover	Acrylic resin (electrification prevention processing end)
Case	Steel sheet or formation item
Insulating resistance	Above $10\text{M}\Omega$ (between circuit and case)
Withstand voltage	AC2000V 1 minutes below use circuit voltage 500V (between circuit and case) note 1

### \* Type of cover

Type	Color	There is no red guide	Red guide attaching
B design cover	Munsell N1.5 semi- [tsuya]	B	BR
G design cover	All transparency	G	GR
F design cover	Special paint color	F	FR

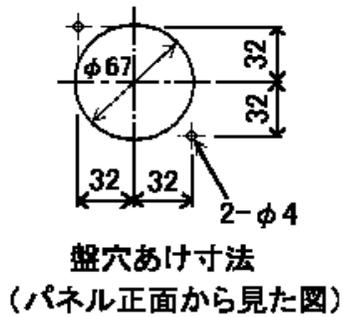
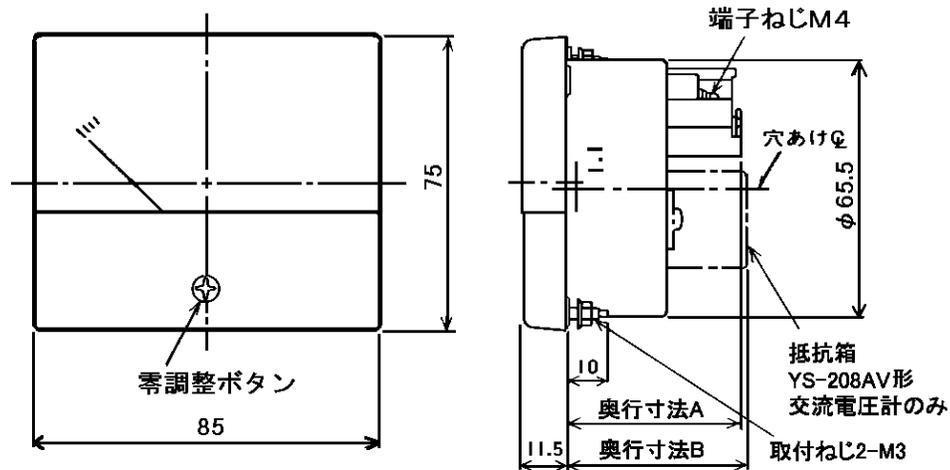
### \* Accessory

“The nut for the installation screw” has belonged to all types.

You inscribe any where T-150 and the like belongs especially in the specification column of each type.

## External size figure

Figure 2.Y-208N

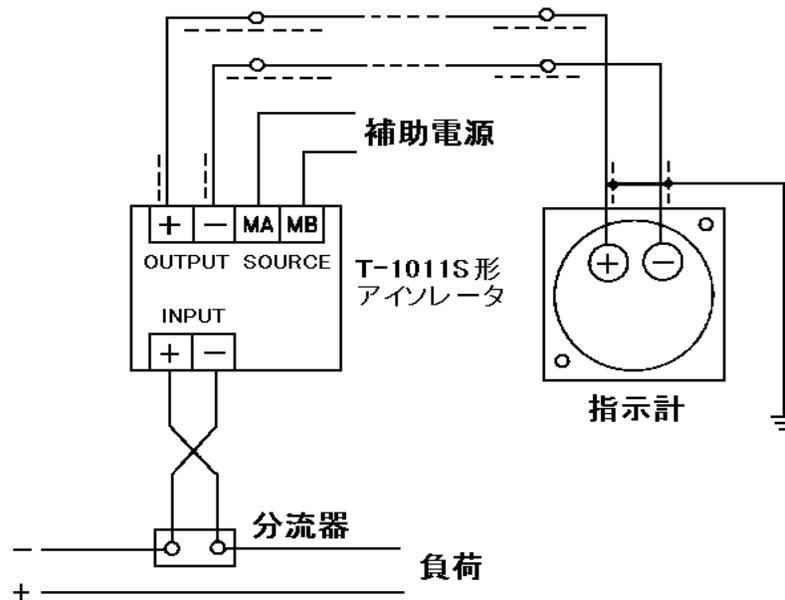


### - Depth size particulars

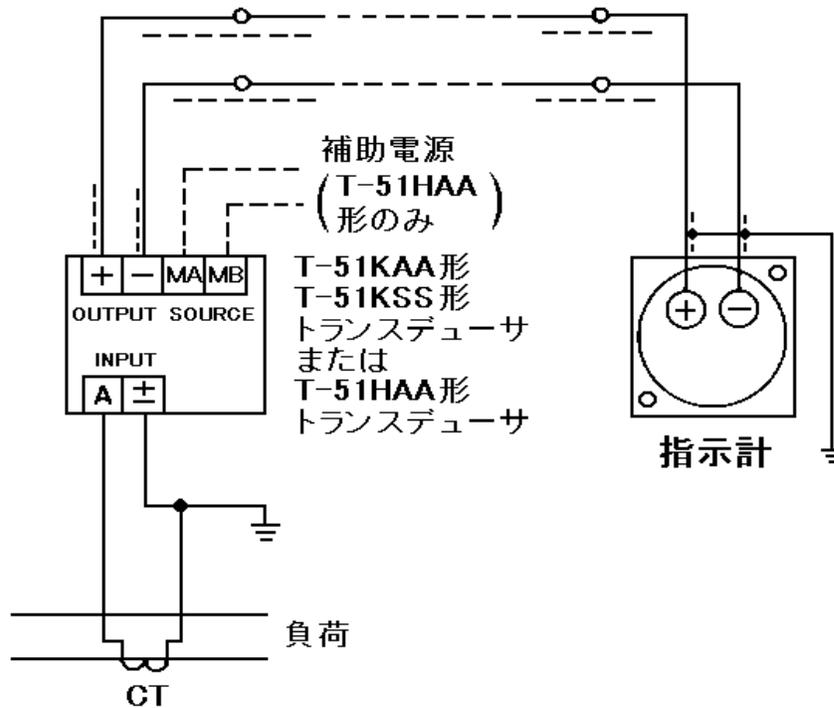
Y-208N	
Shape name	A size
YP-208NF	83
Other than describing	43
Shape name	B size
YS-208NAV	45
Other than describing	—

## Connection diagram

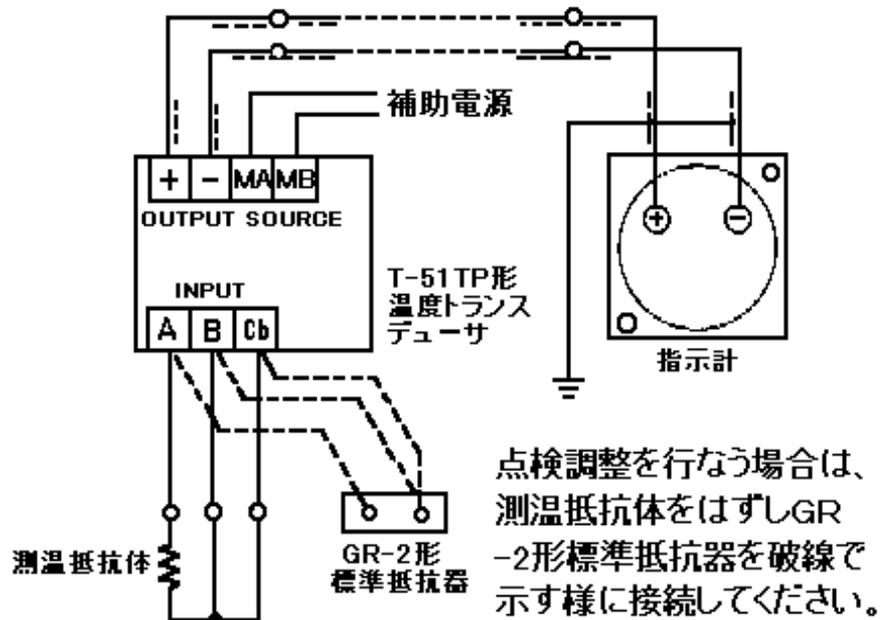
### - Telemetering of direct current



- Telemetering of alternating current



- Temperature (resistance temperature sensor) measurement



(Note) transducer and the like and as for connection between the meters please use the sealed line or the twist line.

## Method of order

Indicating meter (mechanical cable type) method of order

Reception indicator (direct current meter)

形名	目盛と単位	カバー種類	計器定格
例 YM-208NRI	(0-100)%	BR	FS4-20mA
	目盛と単位		(交流計器)
	(0-300)A		FSAC5V
特殊仕様	台数		
二重目盛・色線など	5台		

は必ずご指定ください。