

# Transmitter

## TH-1X

NEW



### ■ Features

- Easy to change input/output code (SJ)
- Slim width 12.5 mm
- DIN rail mount type
- 24 VDC power supply

### ■ Input specifications

DC voltage & current

Code No.	Input signal	Input resistance
0	DC 0 to 5 V	more than 1MΩ
1	DC 1 to 5 V	
2	DC 0 to 10 V	
3	DC -10 to 10 V	
4	DC 0 to 1 V	
5	DC 0 to 0.1 V	
A	DC 4 to 20 mA	250Ω
Y	special	

Special: Voltage input less than 250 V DC, min span 0.1 V  
Current input less than 50 mA DC, min span 5 mA DC

### ■ Output specification

DC voltage & current

Code No.	Output signal	Load resistance
0	DC 0 to 5 V	more than 2KΩ
1	DC 1 to 5 V	more than 2KΩ
2	DC 0 to 10 V	more than 4KΩ
3	DC -10 to 10 V	more than 4KΩ
A	DC 4 to 20 mA	less than 550Ω
Y	special	

Special: Voltage input less than ±10 V DC, min span 1 VDC  
Current input less than 20 mA DC, min span 5 mA DC

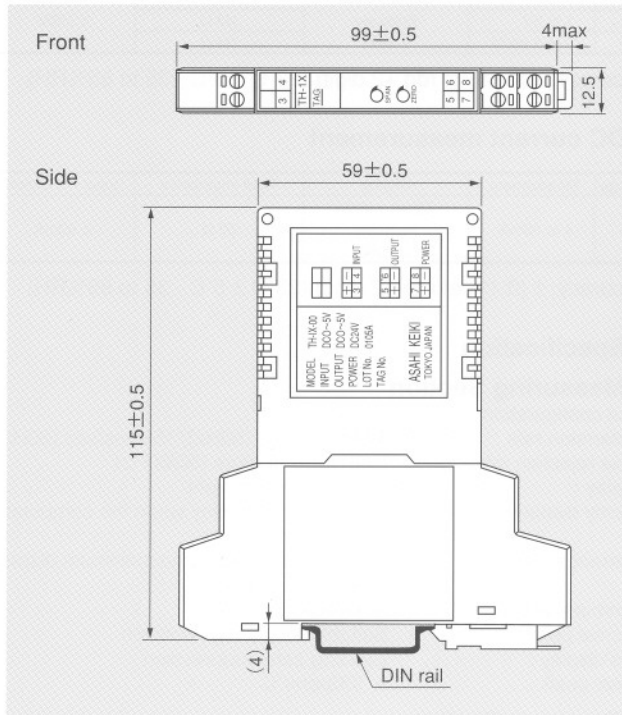
### ■ General specification

Accuracy: ±0.25% F.S  
Temp. Coefficient: ±0.02% F.S/°C  
Response Time: less than 20 msec (0 to 90%TYP)  
Insulated Resistance: input/output/power supply, more than 100MΩ  
Dielectric Strength: input/output/power supply, AC 1500V/1 min.  
Power Supply: 24 V DC±10%  
Power consumption: less than 60 mA  
Operating Temp.: -5 to 50°C less than 90%RH  
Size: 99 mm (H)×12.5 mm(W)×115 mm(D)

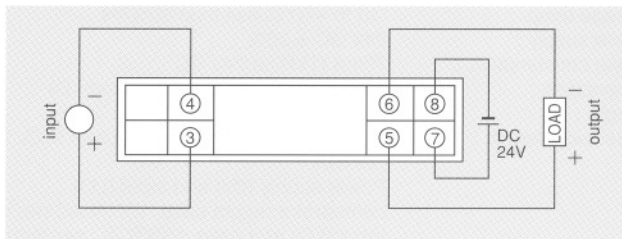
### ■ Ordering Code



### ■ Dimensions



### ■ Connection Diagram



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