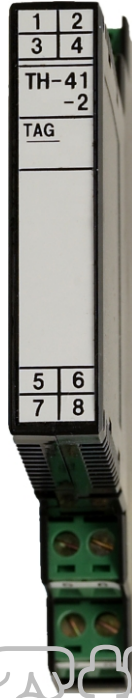


TH-41 - Selfpowered galvanic isolator

TILLQUIST

TH-41, Selfpowered galvanic isolator

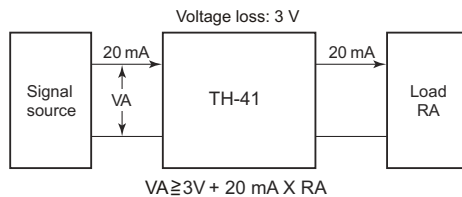


■ Specifications

| | |
|-----------------------------|---|
| Input signal: | 1 to 20mADC |
| Max. input current | 30mADC |
| Max. output load: | 1000 ohms |
| Voltage loss: | less than 3V |
| Response time: | 20ms (0 to 90%) |
| Temperature characteristic: | less than $\pm 0.005\%/^{\circ}\text{C}$ |
| Accuracy: | $\pm 0.1\%$ F.S |
| Operating temp.: | -5 to 50 $^{\circ}\text{C}$ |
| Operating ambient humidity: | less than 90% RH (no condensing) |
| Storage temp.: | -10 to 70 $^{\circ}\text{C}$ |
| Weight: | Approx. 80g |
| Dielectric Strength: | Between the input and output 2000VAC/1min. |
| Insulation resistance: | Between the input and output or power supply more than 100M ohms (at 500 VDC) |

■ Operating Condition

When using the TH-41, pay attention to the following.
The TH-41 can be used if the sum of voltage calculated by a voltage loss of 3V across the TH-41 and that of $R_A \times 20\text{mA}$ across a load connected is smaller than the signal source voltage.



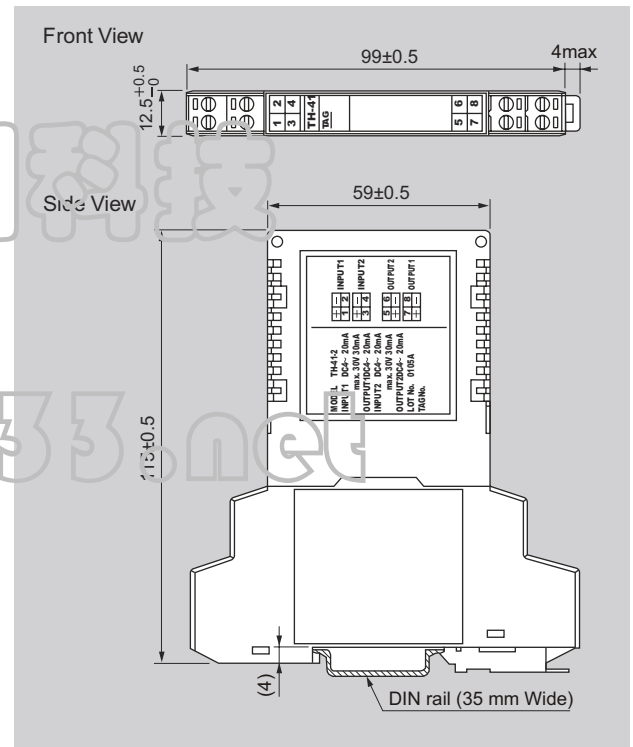
■ Ordering Code

TH-41-
Number of channels 1. 1 channel
2. 2 channel

■ Features

- Self-powered
- 1ch or 2ch input
- Slim width 12.5mm
- DIN rail mount type

■ Dimensions



■ Connection Diagram

