

# DN-TC-M

Termination board for HART analog input with EMS protection and over-current protected and isolated passive loop power



Model: DN-TC-M

## Introduction

The DN-TC-M is a termination board for TC input modules. This termination board is also built-in CJC to measure temperature more accurate. The size of this termination board is also small and same as other mini termination boards for users' installation.

## Specifications

| Thermocouple Input    |                             |
|-----------------------|-----------------------------|
| Channel               | 8                           |
| General               |                             |
| Dimension (W x L x H) | 112 x 117 x 29 mm           |
| Mounting              | 35 mm DIN Rail, Wall        |
| Operating temperature | -25 ~ +75 °C                |
| Humidity              | 5 ~ 95 % RH, Non-condensing |

## PIN Assignments

| CON1 |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |    |
|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|----|
| 1    | 2    | 3    | 4    | 5   | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18 |
| NC   | CH0+ | CH0- | CH1+ | CH1 | CH2+ | CH2- | CH3+ | CH3- | CH4+ | CH4- | CH5+ | CH5- | CH6+ | CH6- | CH7+ | CH7- | FG |

## Wiring

| Input Type    | Thermocouple Input |
|---------------|--------------------|
| Voltage Input |                    |
| TC Input      |                    |

## Ordering Information

|            |  |
|------------|--|
| DN-TC-M CR | Termination board for thermocouple module (RoHS) |
|------------|--|

## Accessories

|       |                                  |
|-------|----------------------------------|
| CA-01 | D-Sub 37pin Female-Male 1m Cable |
| CA-02 | D-Sub 37pin Female-Male 2m Cable |
| CA-03 | D-Sub 37pin Female-Male 3m Cable |
| CA-05 | D-Sub 37pin Female-Male 5m Cable |