# TM3TM3G

## Schneider Electric TM3TM3G - module TM3 - 2 temperature inputs and 1 analog output spring

**BRAND**
Schneider Electric

**PRODUCT FAMILY**
Modicon TM3

**SUPPLY BASIS**
RFQ / on request - no stock claim

**ORDER CODE / PRODUCT REFERENCE**
TM3TM3G

**CATEGORY**
Input/output analog module

**RECORD IDENTITY**
Catalog identity matched

### PRODUCT DESCRIPTION

This product is part of the Modicon TM3 range, an offer of expansion I/O modules for Modicon M221, M241, M251 and M262. The analogue I/O module provides 2 inputs, 1 output with 16bit, 15bit + sign input resolution. It is an I/O module with a rated supply voltage of 24V DC, a current consumption of 60mA, 55mA at 5V DC via bus connector, 55mA, 80mA at 24V DC via external supply. This product is capable of controlling variable speed drives or any device equipped with a current or voltage input. There is an insulation between input and supply at 1500V AC, input and internal logic at 500V AC, output and supply at 1500V AC and output and internal logic at 500V AC. It is furnished with removable spring terminal for electrical connection with 5.08mm pitch adjustment for inputs, outputs and supply. It is an IP20 rated product. Its dimensions are 23.6mm (Width) x 70mm (Depth) x 90mm (Height). It weighs 0.1kg. This product is certified by CE. It meets EN/IEC 61131-2 and EN/IEC 61010-2-201 standards. This module is compatible with Modicon M241, Modicon M251 and Modicon M221 logic controller. It supports top hat type TH35-15, top hat type TH35-7.5 rail conforming to IEC 60715 and plate or panel with fixing kit mount. Modicon TM3 expansion modules have been designed with a simple interlocking assembly mechanism. A bus expansion connector is used to distribute data and the power supply when assembling the Modicon TM3 modules with logic controllers. Boost the performance of your controller w

### RECORDED SPECIFICATIONS

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|---|---|
| **Output ripple** | 20 mV |
| **Conversion time** | 100 ms + 100 ms per channel + 1 controller cycle time for analogue input thermocouple |
| **Input impedance** | >= 1 MOhm |
| **Repeat accuracy** | +/-0.5 %FS for input |
| **Range of product** | Modicon TM3 |
| **Sampling duration** | 10 ms |
| **Official lifecycle** | Current official manufacturer lifecycle evidence |
| **Stabilisation time** | 1 ms |
| **Analogue input type** | |
| **Range compatibility** | Modicon M221 Modicon M241 Modicon M251 Modicon M262 |

## ADDITIONAL SPECIFICATIONS

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|---|---|
| **Analogue output type** | Current: 4...20 mA Current: 0...20 mA Voltage: 0...10 V Voltage: - 10...10 V |
| **Analogue input number** | 2 |
| **Analogue output number** | 1 |
| **Absolute accuracy error** | |
| **Manufacturer part number** | TM3TM3G |
| **Analogue input resolution** | 16 bits 15 bits + sign |
| **Product or component type** | Input/output analog module |
| **Permissible continuous overload** | 13 V, analogue input type: voltage 40 mA, analogue input type: current |

## MANUFACTURER DOCUMENTATION

No manufacturer document is linked because exact-SKU or compatible-family evidence has not been recorded.

Document status: This is an InduMarket product specification summary, not a manufacturer-issued datasheet. It is generated from the catalog record for the exact part number. Any linked manufacturer document passed the SKU-compatibility evidence gate. Confirm ratings, compatibility, certifications and any successor reference before ordering.