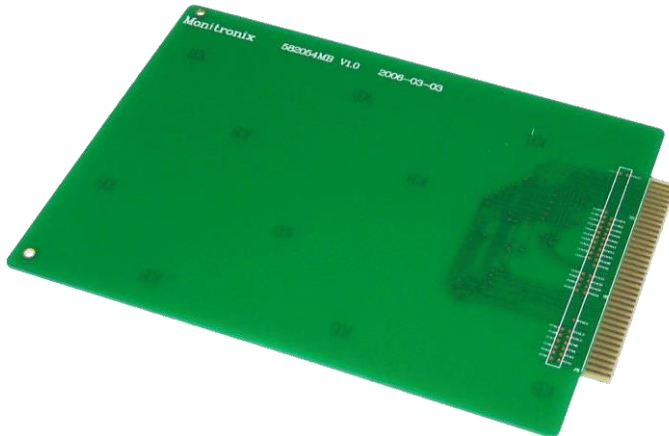# MT582054 - Data Sheet

## Input Jumper Board
## Cable Pressure Monitoring & Control System

### Introduction

The MT582054 board is a simple Input Jumper Board which is used to replace the Sparton 532021 and 532024 personality board in 5300 cable pressure monitoring and control system.

### Features

- Direct plug-in replacement for existing Sparton 532021 or 532024 Board.

- Works with the 582010B universal controller board and the 582052 multiplexer switching board as a replacement of Sparton Binary module.

- Works with the 582026 mini addressable controller board and the 582052 multiplexer switching board as a replacement of Sparton addressable module.

- Provides physical connection between the 582010B board and the 582052 board for Sparton binary module.

- Provides physical connection between the 582026 board and the 582052 board for Sparton addressable module.

- High reliability

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# General Characteristics

The MT582054 board is a simple Input Jumper Board which is used to replace the Sparton 532021 and 532024 personality board in 5300 cable pressure monitoring and control system.  When it is used in Sparton binary module, it works with the combination of the 582010B universal controller board and the 582052 multiplexer switching board to provide physical connection between these two boards.  When it is used in Sparton addressable module, it works with the combination of the 582026 mini addressable controller board and the 582052 multiplexer switching board to provide physical connection between these two boards. In respect of use, the MT582054 board fully simulates the Sparton board's signals so that it can directly replace the existing Sparton board without any change.

# Technical Characteristics

| Physical Properties | |
|---|---|
| Size | • 202 x 146mm PCB |
| **Environmental Conditions** | |
| Temperature<br>• Continuous Operation<br>• Transportation and storage<br><br>Relative Humidity | <br>• 0° to +50° C<br>• -40° to +70° C<br><br>• 0 to 95% non-condensing |

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