

## YASKAWA ELECTRIC CORPORATION

### Analog Input Module MTA2900

#### Features

- MTA2900 is the analog input module. It has 8 channels for analog input. [(4 channels/1 connector) × 2]
- Every channel can choose the analog input range among −10 to +10V and 0 to 20mA by setting parameters.

Model : JEPMC-MTA2900-E (MTA2900)



MTA2900

#### Specifications

| Item                  |  | Specifications                  |                       |
|-----------------------|--|---------------------------------|-----------------------|
| Analog Input          | Analog Input Range                     | −10 to +10 V                    | 0 mA to 20 mA         |
|                       | Number of Channels                     | 8 [(4 channels/1connector) × 2] |                       |
|                       | Number of Channels to be Used          | 1 to 8                          |                       |
|                       | Isolation                              | Between channels: Not isolated  |                       |
|                       | Max. Rated Input                       | ±15 V                           | ±30 mA                |
|                       | Input Impedance                        | 20 kΩ                           | 250 Ω                 |
|                       | Resolution                             | 16 bits (−3127 to +31276)       | 15 bits (0 to +31276) |
|                       | Accuracy (0° to 55°C)                  | ±0.3 % (±30 mV)                 | ±0.3 % (±0.06 mA)     |
| Input Conversion Time | 1.4 ms max.                            |                                 |                       |
| Module Power Supply   | 24 VDC (20.4 V to 28.8 V), 500 mA max. |                                 |                       |
| Dimension             | 46mm(W) × 130mm(H) × 108mm(D)          |                                 |                       |

#### MECHATROLINK specifications

|                    | M-III   |
|--------------------|---|
| Profile            | Standard I/O  |
| Data size          | 32byte  |
| Transmission cycle | 125μs, 250μs, 500μs, 1ms to 8ms (multiple of 0.5ms) |

#### Contact Information

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