**PRECAUTIONS FOR USE**

**Important Points**

- The product is designed for use in industrial applications.

**ATTENTION**

- Before using the product, please refer to the relevant manuals such as the electrical and mechanical design, installation, and operation manuals.

**SPECIAL PRECAUTIONS**

- Before using the product, please refer to the relevant manuals such as the electrical and mechanical design, installation, and operation manuals.

**SPECIFICATIONS**

- The product is designed for use in industrial applications.

**NOTES ON NETWORK**

- Before using the product, please refer to the relevant manuals such as the electrical and mechanical design, installation, and operation manuals.

**NOTES ON POWER SUPPLY**

- Before using the product, please refer to the relevant manuals such as the electrical and mechanical design, installation, and operation manuals.

**NOTES ON OPERATION**

- Before using the product, please refer to the relevant manuals such as the electrical and mechanical design, installation, and operation manuals.

**NOTES ON MAINTENANCE**

- Before using the product, please refer to the relevant manuals such as the electrical and mechanical design, installation, and operation manuals.

**NOTES ON STORAGE**

- Before using the product, please refer to the relevant manuals such as the electrical and mechanical design, installation, and operation manuals.

**NOTES ON DISPOSAL**

- Before using the product, please refer to the relevant manuals such as the electrical and mechanical design, installation, and operation manuals.

**NOTES ON MALFUNCTION**

- Before using the product, please refer to the relevant manuals such as the electrical and mechanical design, installation, and operation manuals.

**NOTES ON MALFUNCTION DETECTION**

- Before using the product, please refer to the relevant manuals such as the electrical and mechanical design, installation, and operation manuals.

**NOTES ON MALFUNCTION CORRECTION**

- Before using the product, please refer to the relevant manuals such as the electrical and mechanical design, installation, and operation manuals.

**NOTES ON MALFUNCTION PREVENTION**

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**NOTES ON MALFUNCTION REPORTING**

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2. Specifications

2.1 General Specifications

2.1.1 Type

- GOT series

2.1.2 Dimensions

- External dimensions: 145 (W) × 185 (H) × 79.3 (D) mm (inch) (excluding projections such as the emergency section)

2.1.3 Weight

- Approximately 0.9 kg

2.1.4 Power Supply

- DC 24 V (±10%)

2.1.5 Connectors

- 9-pin D-sub connector (M8) x 1
- 9-pin D-sub connector (M8) x 2
- 16-pin FPC connector (M8) x 1
- 20-pin FPC connector (M8) x 1

2.1.6 Display

- TFT color liquid crystal display
- 16-dot standard font: 40 characters × 30 lines
- 12-dot standard font: 53 characters × 40 lines

2.1.7 Operation switch

- 6 switches (6 contacts/common), N/O contact
- Maximum rating: 10 mA/24 VDC
- Life: 1,000,000 times

2.1.8 USB (Host)

- USB version: USB 2.0 (High-Speed 480 Mbps)

2.1.9 SD Card slot

- SD card access LED
- ON: SD card installed
- Not lit: Power is not supplied

2.1.10 Memory

- Memory for storage (ROM): 32 MB
- Memory for operation (RAM): 80 MB

2.1.11 Ethernet

- Communication status LED
- LED1: Turns on during data transfer/reception.
- LED2: Turns on during configuration

2.1.12 Communication Interface

- Ethernet
- RS-232
- RS-422
- USB

2.1.13 Temperature and Humidity

- Operating: 0 to 50°C, 40% to 90% (non-condensing)
- Storage: -20 to 70°C, 15 to 95% (non-condensing)

2.1.14 Protection

- Protection degree: IP65
- Pollution degree: 2 or less

2.1.15 Grounding

- Grounding with a ground resistance of 100 Ω or less by using a ground cable that has a cross-sectional area of 2 mm² or more.

2.2 Performance Specifications

2.2.1 Display

- Brightness: 725 CD/m²
- Contrast ratio: 1000:1
- Response time: 10 ms

2.2.2 Operation switch

- Contact resistance: 200 Ω
- Contact capacity: 10 mA
- Life: 1,000,000 times

2.2.3 USB (Host)

- Data transfer method: 100BASE-TX, 10BASE-T

2.2.4 Communication Interface

- RS-232: 9600 bps, 8 data bits, no parity, 1 stop bit
- RS-422: 9600 bps, 8 data bits, no parity, 1 stop bit
- Ethernet: 100BASE-TX, 10BASE-T

2.4 External Dimensions

- Width: 145 mm
- Height: 185 mm
- Depth: 79.3 mm

3. Maintenance and Inspection

3.1 Daily Inspection

- Check the power supply voltage, display, and operation switch.

3.2 Periodic Inspection

- Yearly or half-yearly inspection

- Check the battery and the module.

3.3 Battery Replacement

- The battery retains RAM data, clock data, and system status log data.

4. Precautions

4.1 Cautions on Using Emergency Stop Switch

1. If the emergency stop switch is pressed while the GOT is being used, all operations are immediately stopped.
2. Return to the normal state after the emergency stop has been released.

For safe use

- Please read this manual thoroughly before using the GOT.
- Keep this manual in a safe place for future reference.
- The GOT is not designed for use in applications where the failure of a component could cause a serious accident.

- Products are manufactured under strict quality control. However, it is not possible to check all components for defects before shipment.

- For use in environments where volatile organic compounds are present, consult with Mitsubishi Electric Corporation.