GT10 Protective Cover for Oil

User’s Manual

Bundled Items

<table>
<thead>
<tr>
<th>Item</th>
<th>Bundled Item</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>GT10 protective cover for oil</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>GT10 Protective Cover for Oil User’s Manual (This manual)</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

1. Overview

User of the GT10 protective cover for oil (hereinafter referred to as “protective cover for oil”) is expected to improve oil performance, and chemical performance of the GOT. *1 Note that the structure does not guarantee protection in all users’ environments. The protective cover for oil may not be used in an environment where it is exposed to oil or chemicals for a long time, or where oil mist fills the air.

The following GOT models support the protective cover for oil.

<table>
<thead>
<tr>
<th>Model</th>
<th>GOT</th>
</tr>
</thead>
</table>

2. Part Names and External Dimensions

Display section

![Display section diagram]

- A: Upper side
- B: Front panel
- C: Lower side
- D: Rear face

Unit: mm (inch)

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>GT10-20PCO</td>
<td>85(3.35&quot;)</td>
<td>124(4.89&quot;)</td>
<td>10(0.4&quot;)</td>
<td></td>
</tr>
<tr>
<td>GT10-30PCO</td>
<td>87(3.43&quot;)</td>
<td>156(6.15&quot;)</td>
<td>10(0.4&quot;)</td>
<td></td>
</tr>
<tr>
<td>GT10-40PCO</td>
<td>123(4.85&quot;)</td>
<td>150(5.91&quot;)</td>
<td>11(0.44&quot;)</td>
<td></td>
</tr>
</tbody>
</table>

3. Specifications

3.1 General specifications

The performance specifications of the protective cover for oil are as indicated below.

<table>
<thead>
<tr>
<th>Item</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating ambient temperature</td>
<td>0°C to 50°C</td>
</tr>
<tr>
<td>Storage ambient temperature</td>
<td>-20°C to 50°C</td>
</tr>
<tr>
<td>Operating ambient humidity</td>
<td>90% RH to 95% RH, non-condensing</td>
</tr>
<tr>
<td>Storage ambient humidity</td>
<td>90% RH to 95% RH, non-condensing</td>
</tr>
</tbody>
</table>

3.2 Performance Specifications

The performance specifications of the protective cover for oil are as indicated below.

<table>
<thead>
<tr>
<th>Item</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level of protection</td>
<td>Brick : Protect the protective cover for oil in an environment where it is exposed to oil or chemicals for a long time, or where oil mist fills the air.</td>
</tr>
</tbody>
</table>

MOUNTING PRECAUTIONS

- Be sure to shut off all phases of the external power supply used by the system before mounting or removing the GOT from the panel.

DISPOSAL PRECAUTIONS

- When disposing of the product, handle it as industrial waste.

Related Manuals

The following manuals are relevant to this product. When these manuals are required, please consult your local distributor.

Manual name | Manual Number (Model Code) | Contents
|-------------|---------------------------|----------------|
| GT10 User’s Manual | JY997D3407 | Describes the GT10 hardware-relevant content such as part names, external dimensions, mounting, wiring, specifications, and introduction to system devices. (sold separately)

3.3 Oil resistance, chemical resistance

The protective cover for oil is made of materials with high oil and chemical resistance so that the cover can be used in various oil and chemical atmospheres. Because oils, including cutting oils, contain a small amount of additives depending on oil products, oil resistance of the cover cannot be stated.

Prior to use the cover, test the cover in operating environments, and then check the chemical and resistance of the cover.

- Text contents and oil resistance of cover

4. Installation

4.1 Before attaching protective cover for oil

A protective film is attached on the display area when the GOT is shipped. Make sure to remove the protective film before attaching the protective cover for oil for attaching the protective cover for oil to the GOT already mounted on the control panel. Follow the procedures as below.

1) Prepare the GOT and protective cover for oil, and check the direction of the protective cover for oil. In the case of GT10-30PCO, let the wider side of the under side be located upward.

2) Stretch one corner of the cover, and fit it to the corner of the GOT front panel. Do not stretch or overbend the cover. Doing so may cause a separation between the sheet and rubber.

3) Starting from one corner, fit the other corners of the cover sequentially (in the order of the arcas from A to D). Make sure that the gasket of the GOT rear face is entirely covered.

To prevent liquid ingress into the control panel, make sure that the gasket is completely covered.

4) Mount the GOT onto the control panel.

When the control panel is dirty, clean the control panel.

The panel cutting dimensions and mounting screw tightening torque with the protective cover for oil are the same as those without the cover.

Mount the GOT onto the control panel by referring to GT10 User’s Manual.

- Mounting screws

5. Precautions for protective cover for oil

1) The protective cover for oil is a consumable product. Check the cover for scratches, damage or dirt at regular intervals, and replace the cover if necessary.

2) Do not push the protective cover for oil with pointed tools, including mechanical pencils and screwdrivers. Doing so causes scratches and damages of the cover.

3) Do not clean the protective cover for oil with bleaches, thinners, organic solvents, corrosive chemicals, and others. Doing so causes changes in shape and color of the cover.

4) When the protective cover for oil is attached to the GOT, do not stretch and bend the cover too much. Doing so may cause a separation between the sheet and rubber.

5) Do not place or use the protective cover for oil in direct sunlight.

6) When the protective cover for oil gets dusts, wipe the dusts off with a damp cloth.

7) While particles may adhere to the rubber frame of the protective cover for oil, this does not affect the function of the cover. Wipe the frame with a cloth moistened with isopropl alcohol or ethanol as necessary.

8) Do not do a frequent detaching the protective cover for oil. It causes deterioration in the oil performance, and the medical performance.

9) Note that the structure does not guarantee protection in all users’ environments. The protective cover for oil may not be used in an environment where it is exposed to oil or chemicals for a long time, or where oil mist fills the air.

For safe use

This product has been manufactured as a general-purpose part for general industries, and has not been designed or manufactured to be incorporated in a device or system used in purposes related to human life.

Before using the product for special purposes such as nuclear power, electric power, aerospace, medicine or passenger movement vehicles, consult with Mitsubishi Electric Corporation.

This product has been manufactured under strict quality control. However, when using the product in the environment under normal conditions, where the products fail, install appropriate backup or fail-safe functions in the system.

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