OptiPlus A3 Pneumatic unit

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1 Safety

1.1 Personnel protection

- The pneumatic unit may only be started and operated after careful reading this manual. Incorrect operating can lead to personal injuries as well as damage to other parts.
- Safety devices are not be dismantled, bypassed or ignored. Open covers hide the danger of injury.
- Safety devices must be kept in good working condition and not be allowed to be put out of action.
- Maintenance work on the pneumatic unit may only take place when disconnected from the Mains.

1.2 Safety concept

- The Pneumatic unit is a constituent part of the system and is thus integrated into the safety system of the overall system.
- Suitable measures must be taken for use outside of safety concept.
- Only original ITW Gema spare parts may be used. Any warranty claim is void if damage occurs when using non-ITW Gema parts.
- Only ITW Gema trained personnel may carry out repairs on the pneumatic unit.

1.3 Intended use

The pneumatic unit is intended only for the defined range of application. Use outside of this area is considered as inapplicable use.
2 Description of function

The OptiPlus A3 Pneumatic unit distributes compressed air to the OptiTronic CG03 of control unit.

3 Technical data

Pneumatic data:
- Compressed air input: 7-10 bar
- Air consumption: dependent on the number of powder guns connected
- Max. water content: 1.3 g/m³
- Max. oil content: 0.1 mg/kg
4  Spare Parts

4.1  Ordering Spare Parts

To order spare parts for the OptiPlus A3 Pneumatic unit we require the following specifications:

-Type of control module
-Part number, quantity and description of each spare part

Example:

<table>
<thead>
<tr>
<th>Type</th>
<th>OptiPlus A3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Order number</td>
<td>390 054</td>
</tr>
<tr>
<td>Quantity</td>
<td>1 piece</td>
</tr>
<tr>
<td>Description</td>
<td>Distributor block</td>
</tr>
</tbody>
</table>

All dimensions from plastic tubing are given with the outside diameter (o/d) and the inside diameter (i/d):

ø 8 / 6 mm, 8 mm of outside diameter / 6 mm inside diameter.
## 4.2  Spare Parts List

<table>
<thead>
<tr>
<th>Part Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>OptiPlus A3 Pneumatic unit - complete</td>
<td>390062</td>
</tr>
<tr>
<td>1 Drawer unit housing</td>
<td>389986</td>
</tr>
<tr>
<td>2 Distributor block</td>
<td>390054</td>
</tr>
<tr>
<td>3 Front foil</td>
<td>390003</td>
</tr>
<tr>
<td>11 Pressure reducing valve / Filter unit -1/2&quot; 0-10 bar</td>
<td>240133</td>
</tr>
<tr>
<td>12 Pressure gauge - 1/8&quot; - 0-10 bar</td>
<td>203289</td>
</tr>
<tr>
<td>13 Blind plug - D08</td>
<td>238023</td>
</tr>
<tr>
<td>14 Divided double nipple – 1/2&quot;-1/2&quot;</td>
<td>243582</td>
</tr>
<tr>
<td>21 Grounding tag - D12,5 mm</td>
<td>200735</td>
</tr>
<tr>
<td>31 Cheese head screw - M6 X 65 mm</td>
<td>230340</td>
</tr>
<tr>
<td>32 Pan Head screw - M6 X 12 mm</td>
<td>256706</td>
</tr>
<tr>
<td>33 Nut - M06</td>
<td>200417</td>
</tr>
<tr>
<td>34 Washer - D6.4/12.5 X 1.6 mm</td>
<td>200476</td>
</tr>
<tr>
<td>35 Spring washer - Type A - M6</td>
<td>200450</td>
</tr>
</tbody>
</table>

# Wear part
* Please indicate length.