Temperature sensor type MBT 5252

Identification

<table>
<thead>
<tr>
<th>Code number</th>
<th>Elements</th>
<th>Specification code</th>
</tr>
</thead>
<tbody>
<tr>
<td>084Z3101</td>
<td>1 × Pt 100</td>
<td>0004-0500-4J00-0000</td>
</tr>
<tr>
<td>084Z3102</td>
<td>2 × Pt 100</td>
<td>0104-0500-4J00-0000</td>
</tr>
<tr>
<td>084Z2185</td>
<td>2 × Pt 1000</td>
<td>0304-0500-4J00-0000</td>
</tr>
</tbody>
</table>

Pos. 1 Protection tube, AISI 316 Ti
Pos. 2 Measuring insert, Pt 100, Silicon cable, max. 200 °C, 40 mm steel tube
Pos. 3 Type B-head, Silumin
Pos. 4 Process connection, Brass with spring
Pos. 5 Clamping ring, Brass
Pos. 6 Union nut, Brass
Pos. 7 Union, Brass
Pos. 8 Clamping ring, Brass
Pos. 9 Support plate, Brass
Pos. 10 Terminal block
Pos. 11 Bush, Brass
Pos. 12 Gasket, Copper
Mounting

1. Cut the protection tube in the right lenght
2. Cut the wire in the right lenght and mount the wires on the terminal block
3. Mount protection tube and terminal block in the B-head
4. Mount pos. 4 losely in the gearbox
5. Mount and tighten the protection tube
6. Tighten pos. 4
7. Check the spring function

Mounting diagram:

- Cut the protection tube in the right length
- Cut the wire in the right length and mount the wires on the terminal block
- Mount protection tube and terminal block in the B-head
- Mount pos. 4 loosely in the gearbox
- Mount and tighten the protection tube
- Tighten pos. 4
- Check the spring function