

# **MC9000ex – Series**

## **Mobile Computer MC92NOex**

### **RuBee**


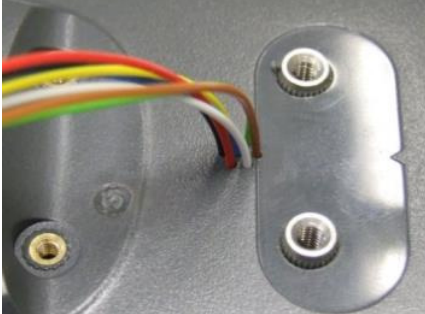


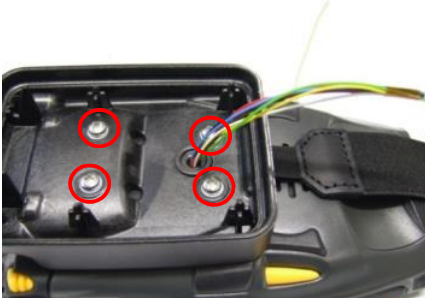



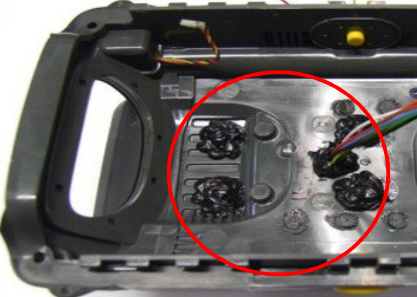
**1. Table of contents**

- 1. TABLE OF CONTENTS..... 2
- 2. ASSEMBLY BOTTOM HOUSING ..... 3
  - 2.1 RFID/RUBEE EXTERNAL BRICK.....3
  - 2.2 RFID/RUBEE EXTERNAL GUN .....4
- 3. INSTALLATION RUBEE READER EXTERNAL (BRICK/GUN) ..... 5



## 2. Assembly bottom housing


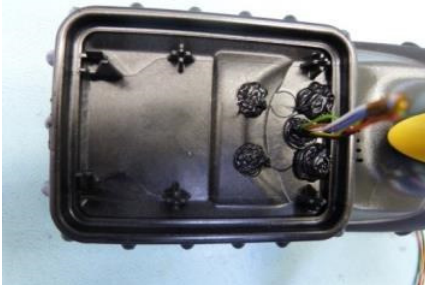

### 2.1 RFID/RuBee external Brick

1)		<p>Drill 7 holes (1,0mm) and 4 holes (5,5mm) with the fixture in the lower housing. Press 4 inserts into the big holes.</p>
2)		<p>Lead the 7 wires (each with different colour) through the drillings.  (LiY 0.08mm<sup>2</sup>, d<sub>iso</sub> &gt; 0.2mm)</p>
3)		<p>Fill the RFID upper housing with Sikaflex as shown in the picture.</p>
4)		<p>Insert the pin with the hand strap into the recess. Fix the pin with UV glue.</p>
5)		<p>Fix the RFID lower housing with 4 screws and 4 washers with the top housing of the mobile computer.</p>


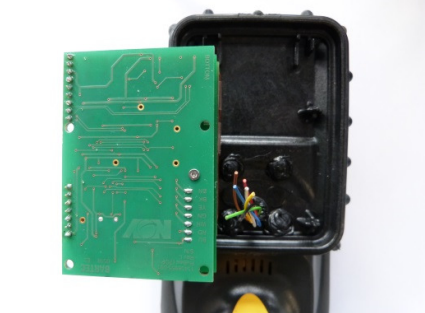
6)		<p>Seal the screw heads and the wire openings with Sikaflex.</p>
7)		<p>Seal accomplished wires and inserts with Sikaflex.</p>

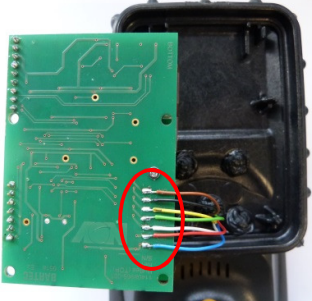
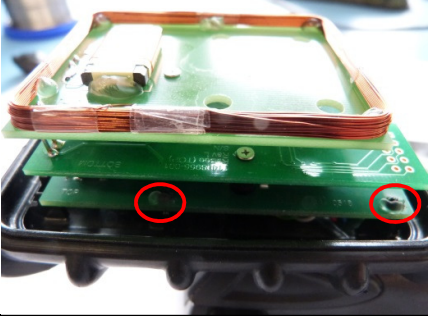



**2.2 RFID/RuBee external Gun**


1)		<p>Drill 7 holes (1,0mm ) and 4 holes (5,5mm) with the fixture in the lower housing. Press 4 inserts into the big holes.</p>
2)		<p>Lead the 7 wires (each with different colour) through the drillings.  (LiY 0.08mm<sup>2</sup>, d<sub>iso</sub> &gt; 0.2mm)</p>
3)		<p>Fill the RFID upper housing with Sikaflex as shown in the picture.</p>

4)		<p>Fix the RFID lower housing with 4 screws and 4 washers with the top housing of the mobile computer.</p>
5)		<p>Seal the screw heads and the wire openings with Sikaflex.</p>
6)		<p>Seal accomplished wires and inserts with Sikaflex.</p>

### 3. Installation RuBee Reader external (Brick/Gun)

1)		<p>Cut the antenna pins of the housing.</p>
2)		<p>Insert RuBee Reader with Antenna into upper housing. Solder the wires from antenna to reader.</p>

<p>3)</p>		<p>Solder appropriate wires on RuBee Reader as shown in the picture and fix them with UV glue.</p>
<p>4)</p>		<p>Position the reader on the according 4 pins and glue with UV glue.</p>
<p>5)</p>		<p>Apply Sikaflex in the sealing area of the housing.</p>
<p>6)</p>		<p>Put the RFID/RuBee lower housing on the upper housing and press them together.</p>
<p>7)</p>		<p>Fill the resin into the RFID/RuBee housing (without empty space) and apply the opening of the lower housing with Sikaflex.</p>

8)		Lock the opening with the according cover.
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