

| PS-pagers, Li-ION battery   |   |
|-----------------------------|---|
| Service information         | SI_PS-BAT_en_1927                                   |
| Type of service information | Hardware change                                     |
| Reason for Publication      | New battery Connector                               |
| Typenumber                  | PS2-B, PS2-BA, PS3-BA, (Not applicable to PS3-BAX!) |
| Service manual              | N.a.  |
| Implementation              | WK1931  |

## 1 Introduction

Occasionally, environmental conditions, e.g. when the product is used near to the sea, have unwanted impact on the Ni-plated connector currently used for the battery-connector.

Research has shown that a gold-plated connector is more resistant to environmental influences.

Therefore we introduce gold-plated connectors to interface the Li-Ion battery with the PS-pagers' basic PCB.



This Information is NOT relevant for the PS3-BA in ATEX version: PS3-BAX




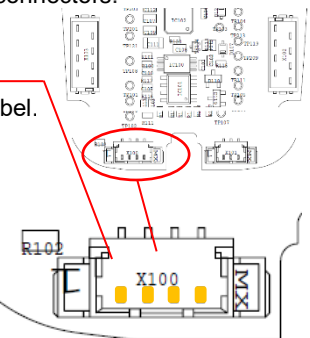
## 2 Implementation

For an unambiguous product treatment, it has been decided to provide all new PS-pagers (X100 at the basic PCB) and its battery with a gold-plated connector.

All (Non-ATEX) PS-Pagers produced as from WK1931 be equipped with the gold-plated connectors.

### Identification:

- The contacts of the gold-plated connector have a clear 'gold color' 
- If a battery has gold-plated contacts, is indicated with the word "gold" on the batteries' label.  
To compare: with non-goldplated versions, the word "gold" is missing.



## 3 Compatibility

- Electrically: Don't mix Gold- and Ni- plated connectors. In time, bad contact between X100 and the battery connector will occur, which has a **negative impact(!)** on the products performance later on. (e.g. **less stand-by time, unreliable operation**)
- Mechanically: A non-gold-plated connector doesn't fit with a gold-plated connector.

## 4 Repairs

As from WK1931 all PS-pagers that are offered for repair in our workshop will be modified such that a gold plated interconnection is established.

## 5 Modification

No field modifications are needed, inform with your technical contact person if you want to have the product modified.

## 6 Spareparts

| Description               | Partnr         | MOQ | Remark                                 |
|---------------------------|----------------|-----|--|
| PS pager accu Li-ion      | 3922 621 28011 | 10  | In time, we will fade out this version |
| PS pager accu Li-ion Gold | 3922 621 55011 | 10  | This battery is our new standard       |

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