## Revision history

**Table of revisions**

<table>
<thead>
<tr>
<th>Date</th>
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</tr>
</thead>
<tbody>
<tr>
<td>February 2019</td>
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</tr>
</tbody>
</table>
Contents

Safety instructions

General safety.................................................................................................................................................................................... 4
Safety warnings.................................................................................................................................................................................4

Technical description

Dimensions and identification.....................................................................................................................................................6
Start up.................................................................................................................................................................................................7

Maintenance

Maintenance tips.............................................................................................................................................................................. 9
Troubleshooting.............................................................................................................................................................................10
Safety instructions

Ikompact general safety

The following safety instructions must be read carefully in order to install and use the product properly and to keep it in perfect working condition and to reduce the risk of misuse.

Potential damage to operator and product.
Do not use this product on machines in potentially explosive atmospheres unless the model is ATEX/RATEX certified to do so.

• Strictly adhere to the installation instructions contained in this document.
• Make sure that professional and competent personnel carry out the installation.
• Ensure that all site and prevailing safety regulations are fully respected.
• Make sure that this document is permanently available to the operator and maintenance personnel.
• Keep the transmission key when the set is not in use.
• On starting each working day, check to make sure that the STOP button and other safety measures are working.
• When in doubt, press the STOP button.
• Whenever several sets have been installed, make sure the transmitter is the right one. Identify the machine controlled on the label for this purpose on the transmitter or by using the display (in case it has one).
• Service the equipment periodically.
• When carrying out repairs, only use spare parts from Danfoss.

Ikompact safety warnings

Potential damage to operator and product.
Follow the guidelines below to reduce risk of injury to the operator and the product.

• Use the device with the manufacturer’s battery and battery charger (if applicable).
• Only allow qualified personnel to operate the equipment.
• Always set the STOP button in the off position when not in use.
• Always press STOP before plugging in tether cable (if applicable).
• Do not operate product when visibility is limited.
• Make sure product is compatible with the machine.
• Avoid knocking or dropping the product.
• Do not use the product if a failure is detected.

Changes or modifications not approved by Danfoss can void the user’s authority to operate this product.
Safety instructions

Quick reference precautions

- Remove the EEPROM in order to disable the transmitter
- When in doubt, press the STOP button
- When having the STOP button option, press it when in doubt
- Make sure the transmitter works with the machine to be handled
- Do not use the set when visibility is limited
- Avoid knocking or dropping the set
User Manual
Ikompact transmitter

Technical description

Ikompact dimensions and identification

The illustration and list below describe dimensions, buttons and LEDs of the Ikompact transmitter.

*Dimensions in mm*

1. Status LED
2. Feedback LEDs
3. Start push-button
4. Stop push-button
5. Stop button option
6. Attachment hook
7. Removable EEPROM module
8. Alkaline batteries module
Ikompact start up

Use the information below to properly turn the transmitter ON (OPERATION mode).

1. Place the EEPROM and the charged alkaline batteries.

![Image of Ikompact transmitter with memory chip and batteries](image)

2. Optional: If the transmitter has the STOP button, press and pull it out [1].

![Image of Ikompact transmitter with STOP button](image)

The status LED [2] will blink blue until the Stand-by mode is reached and then will turn to a constant blue [3].

3. If the transmitter does not have the STOP button, press the start button.

![Image of Ikompact transmitter with RX (Receiver) indicator](image)

The status LED will blink green until the transmitter is linked with the receiver.
4. When the receiver confirms the link, the status LED will turn into a constant green and will enter operation mode.

The transmitter is ready to be used.
Ikompact maintenance tips

This product is designed for use in an industrial environment that may shorten the product’s lifespan. Use these tips to maximize the lifespan of the product.

- Use the hook/belt provided with the transmitter to prevent the transmitter from falling
- Do not clean the transmitter with solvents or pressurized water; use a damp cloth or soft brush for cleaning
- If the push buttons show signs of deterioration, contact the Authorized Technical Service for repair
- Check if the battery contacts are correct, otherwise replace them.
- Ensure that the product is supplied with AAA alkaline batteries or has a rechargeable battery
- Be sure to recharge or replace battery regularly
**Ikompact troubleshooting guide**

The transmitter has status monitoring LEDs which help to identify errors and warnings. The common signals are shown in the table below.

<table>
<thead>
<tr>
<th>Color and frequency</th>
<th>Pulse frequency</th>
<th>Description</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue</td>
<td>fast pulses</td>
<td></td>
<td>System is starting; establishing connection with radio and EEPROM</td>
</tr>
<tr>
<td>Blue</td>
<td>continuous</td>
<td></td>
<td>System is in stand-by mode, waiting for user's action</td>
</tr>
<tr>
<td>Green</td>
<td>fast pulses</td>
<td></td>
<td>Attempting to link with receiver and waiting for response</td>
</tr>
<tr>
<td>Green</td>
<td>continuous</td>
<td></td>
<td>Working</td>
</tr>
<tr>
<td>Green</td>
<td>slow pulses</td>
<td></td>
<td>Latency; no action has been taken for some time</td>
</tr>
<tr>
<td>Red</td>
<td>slow pulses</td>
<td></td>
<td>EEPROM module missing or corrupt</td>
</tr>
<tr>
<td>Red</td>
<td>double pulses</td>
<td></td>
<td>Radio communication error</td>
</tr>
<tr>
<td>Red</td>
<td>continuous</td>
<td></td>
<td>Hardware failure</td>
</tr>
<tr>
<td>Orange</td>
<td>slow pulses</td>
<td></td>
<td>Critical battery signal</td>
</tr>
<tr>
<td>Orange</td>
<td>double pulses</td>
<td></td>
<td>Activated maneuver</td>
</tr>
</tbody>
</table>
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