

## 1 Description

The micron 4 transmitter is designed to transmit command instructions for controlling industrial cranes and hoists as well as operating machines and plants.

Depending on the type and version selected, up to 24 control commands plus the integrated STOP commands are available to the operator.

A non-interchangeable system address ensures the functional safety of the radio control system when operating cranes or machines. This feature is particularly important when several cranes or machines are in use, for example in halls and shops. The system address is exclusively allocated to each HBC radio transmitter and its respective receiver.

**It is not possible to activate crane or machine functions using a radio control system allocated to another crane or machine.**

The radio control system consists of the micron 4 transmitter, two rechargeable NiCd batteries, a battery charger and a receiver with antenna. The receiver housing with integrated antenna is made of ABS plastic.

The micron 4 is a hand-held transmitter. The observance of handling instructions ensures operator and worker safety as well as preventing transmitter wear.

The transmitter is powered by 2 rechargeable batteries. The batteries and memory effect-free battery charger are included.

The transmitter has general telecommunications approvals. It is not necessary to have or to apply for a license to operate the micron 4 transmitter with the respective receiver. The transmitter must be operated in the 433,100 MHz to 434,750 MHz range or 869 MHz to 870 MHz bandwidth. The transmitter is equipped with < 10 mW (average) transmitting power.

Operating the micron 4 using a different frequency range or transmitting power requires the approval of the competent regulative authorities for telecommunication.

The following radio receivers may be used in conjunction with the micron 4 transmitter:

FSE 716

FSE 722 B

FSE 735

**Note:**

The improper use, operation or deployment of the device renders the manufacturer guarantee void of any legal substance!