

## General Description

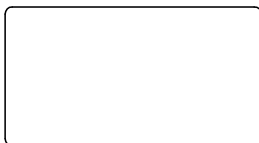
The BMS-2 receiver is ideally suited for the control of current and voltage controlled hydraulic valves. The control functions are easily configurable via PC. The receiver is mainly used in vehicle technology.



## Status Display Explanation

### BMS-2: System Status Indicators

- |                           |                                 |
|---------------------------|---------------------------------|
| xx0 - Normal Operation    | xxx. - Dot blinks = Telegram OK |
| xx1 - System Not Started  | xx.x - Dot on = Program Mode    |
| xx3 - Communication Error | Exx - Error Code                |
|                           | 1xx - Analog Channel 1 active   |
| 002 - Active E-Stop       | 2xx - Analog Channel 2 active   |
| 004 - Passive E-Stop      | ...up to Analog Channel 8       |



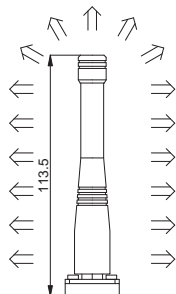
### **BMS-2: System Status Indicators**

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## Technical Data

<b>Material</b>	polyamide with glass fibre
<b>Weight</b>	< 2500 g
<b>RF technology</b>	synthesizer
<b>Temperature range</b>	-25 up to +70° C
<b>Antenna connection</b>	TNC-connector
<b>Safety address</b>	20 bit (1 Mio.)
<b>Protection type</b>	IP 65
<b>Frequency range</b>	434/869 MHz (for EU, other frequencies upon request)
<b>Fuse</b>	7,5 A / 80 V
<b>Operating voltage</b>	6 - 36 VDC
<b>Inputs</b>	6 digital inputs 6 - 36 V, 8 error inputs for Sauer-Danfoss valves
<b>Outputs</b>	12 digital outputs (8 A / 36 VDC), 8 analogue outputs (PWM) 3 A (max. total current 10 A)

## Installation



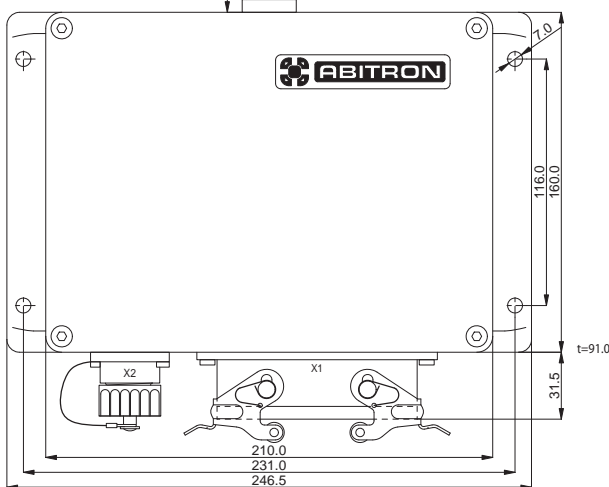
The antenna has to point vertically upwards!

The area around the antenna has to be free from obstacles!

### Installation of the Receiver

Determine the receiver position and consider the following circumstances:

- The receiver is easily accessible but protected from loose and flying objects.
- The status LEDs have to be clearly visible.
- The mounting surface provides space for 4 mounting holes.
- There is enough space for housing including antenna and connecting plugs.
- Mount the rubber buffers with the tightening torque of 2 nm maximum!



Dimensions in mm