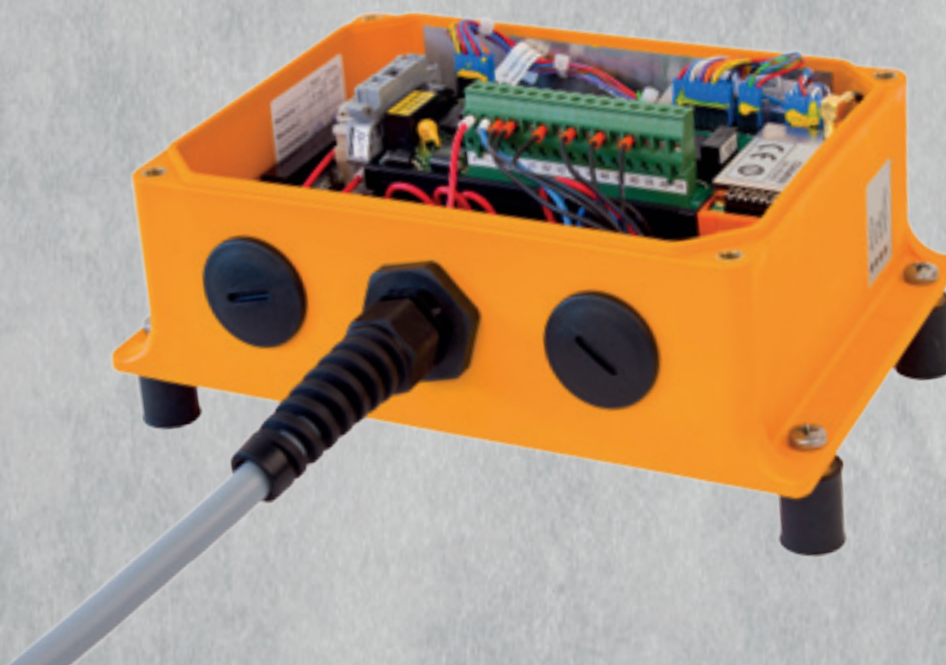


General Description

The receiver BMS-1 is first choice for the control of current and voltage controlled hydraulic valves. The receiver is mainly used for the vehicle technology.



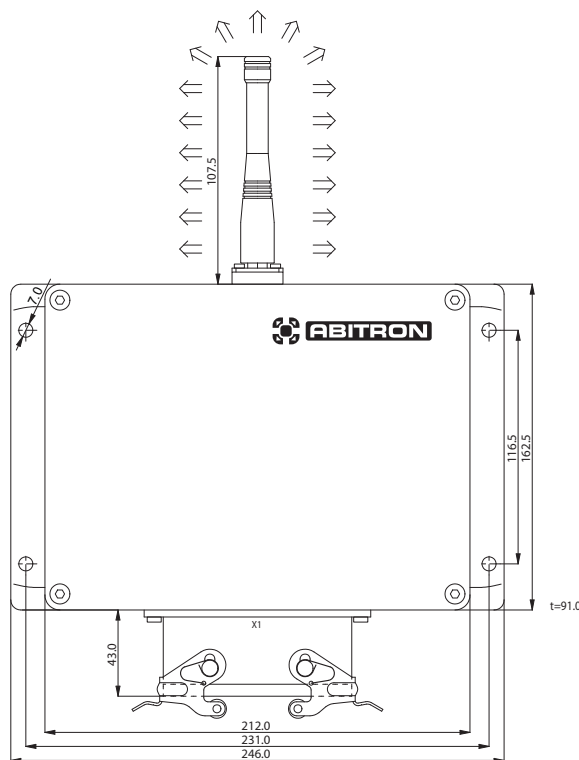
Status Display Explanation

Status-LEDs	Description	Status		
		Off	On	Flashing
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Operation <input type="radio"/> Signal <input type="radio"/> Error <input type="radio"/> Normal <input type="radio"/> </div>	Operation	No supply voltage	-	Supply voltage available
	Signal	No radio reception	-	Receiving correct telegram
	Error	No failure	-	Failure detected
	Normal	No radio reception / STOP	Radio reception / System activated	-

Technical Data

Material	polyamide with glass fibre
Weight	< 2500 g
RF technology	synthesizer
Temperature range	-20 up to +70° C
Antenna connection	TNC-connector
Safety address	20 Bit (1 Mio.)
Protection type	IP 65
Frequency range	434/869 MHz (for EU, other frequencies upon request)
Safety	monitoring of the „Main Contact“ via 2 microcontroller, designed to meet EN13849, category 3, PL d
Fuse	7,5 A / 80 V Kfz
Outputs	12 potential-free normally open contacts (8 A / 250 V), 8 analogue outputs
Operating voltage	6 - 30 VDC

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