

## RACcon proportional



- Customized assembling of joysticks, push buttons and display
- Graphic display 128 × 64 dots with backlight for indicating HATOX-specific data (signal strength, battery condition, frequency indication, etc.) and data feedback via CAN-bus
- Disposable standard AA-batteries or rechargeable batteries may be used
- Permanent operation up to 40 hours possible (without backlight) with rechargeable batteries of 2700 mAh
- Charging station optionally available
- "Listen before talk"-technology with automatic frequency management for higher operational safety or frequency hopping for USA and Canada
- Several systems can be operated at the same time without disturbing each other

Technical data is subject to change without notice

## General technical data

|                     |                                                                                        |
|---------------------|----------------------------------------------------------------------------------------|
| Temperature range   | –20° to 80°C<br>(optionally with heating foil –40° to +80°C)                           |
| Type of protection  | IP 65 (higher on request)                                                              |
| Housing             | PA6.6 / 30% GF                                                                         |
| Technology          | Transceiver (bidirectional, half-duplex)                                               |
| Frequency           | 433.075–434.775 MHz (69 channels) / Europe /<br>902–928Mz / USA & Canada               |
| Output Power        | adjustable up to 10 mW                                                                 |
| Modulation          | FSK                                                                                    |
| Transmission method | TDMA (Time Division Multiple Access) for Europe;<br>Frequency hopping for USA & Canada |
| Distance            | approx. 300 meters / 1000 feet (depending on environment)                              |
| Supply voltage      | 2.0 .. 4.5 V DC (2 AA-NiMh-cells)                                                      |
| Power consumption   | 110 mA @ 2.4 V DC                                                                      |
| Weight<br>Batteries | 200 g (without batteries)<br>+ 60g                                                     |
| Size                | 21.5 × 8.5 × 5.0 cm<br>(length × width × height)                                       |

Technical data is subject to change without notice