

## Data Sheet

# Remote Control IK3 Transmitter

This remote control Transmitter is highly customizable with many features and accessories. These remote controls also support the operator with an ergonomic design that allows for safe and efficient operation.

**Features**

- Up to 3 joysticks or 6 paddles
- Available for 400-900 MHz and 2.4 GHz Frequency Bands
- Highly customizable
- 3.5-inch color TFT display
- External removable EEPROM SIM module

**Benefits**

- Easy and fast maintenance
- High resistance to impacts
- Innovative ergonomics
- Non-slip handles
- Frequency management against interferences

**Applications**

- Industrial lifting and automation
- Construction and mining vehicles
- Cranes
- Industrial vehicles
- Agriculture and forestry
- Maritime



Comprehensive technical literature is  
online at [www.danfoss.com](http://www.danfoss.com)

| Description                              | Value                                  |
|------------------------------------------|----------------------------------------|
| Stop function (400 - 900 MHz)            | Cat. 3-PLd                             |
| Stop Function (2.4 GHz)                  | Cat3 - PLe                             |
| Ingress Protection rating                | IP65/NEMA4                             |
| Anti-condensation system                 | Goretex Film                           |
| Frequency band - ERP                     | 433.050 to 434.040 MHz; ERP<1 mW       |
|                                          | 434.040 to 434.790 MHz; ERP<10mW       |
|                                          | 869.700 to 870.000 MHz; ERP<5 mW       |
|                                          | 902.000 to 928.000 MHz; ERP<1mW        |
|                                          | 2405MHz to 2475MHz; ERP 20dBm/100mW    |
| Range (normal conditions)                | 100m                                   |
| Main mechanisms (maximum number)         | Joystick (3) or Paddle (6)             |
| Auxiliary mechanisms                     | Pushbutton, toggle and rotary switches |
| Removable EEPROM                         | External                               |
| Battery model                            | BT27IK                                 |
| Battery life                             | 10 hours                               |
| Response Time                            | 100ms                                  |
| Operating temperature range              | -20 °C to 70 °C (-4 °F to 158 °F)      |
| Storage Temperature Range (24h)          | -25°C to 75°C (-13°F to 167°F)         |
| Storage Temperature Range (long periods) | -25°C to 55°C (-13°F to 131°F)         |
| Relative Humidity                        | max. 95% without condensation          |
| Weight (with battery)                    | 1780 grams                             |
| Dimensions LxWxH mm                      | 245,04x216,56x181,16                   |
| Harness                                  | Belt/shoulder strap                    |
| <b>Available Options</b>                 |                                        |
| Display                                  | 3.5-inch color TFT                     |
| LED Panel                                | Yes ( up to 12 LEDs)                   |
| Cable connector                          | Yes (M12 Connector)                    |
| Range limiter                            | Yes                                    |
| Associated receivers                     | R06, R13, R70, R70 PLUS, MPCAN, MP20   |

*CB70 battery charger*

| Specification            | Value               |
|--------------------------|---------------------|
| Standard AC power supply | 230 Vca ± 10%, 50   |
| Optional AC power supply | 115 Vca, 60 Hz      |
| DC power supply          | From 10.5 V to 35 V |

*BT27IK battery*

| Specification         | Value                                    |
|-----------------------|------------------------------------------|
| Voltage               | 4.8 V                                    |
| Capacity              | 2700 mAh NiMH                            |
| Charging temperature  | From 0° C to 45° C                       |
| Discharge temperature | From -20° C to 50° C                     |
| Autonomy              | From 8 to 15 h (configuration dependant) |
| Charging mode         | 7h and intelligent                       |
| Weight                | 156.3 g                                  |