



Data Sheet

Remote control T70 2 ATEX Transmitter

The T70 2 ATEX certified transmitter is highly customizable with many features and accessories. A standout feature of this transmitter is the capability to control tandem systems, choosing to operate multiple cranes simultaneously with several receivers or independently with only one.

Features

- High sensitivity two-step push button
- Multi-band Radio with Full-Duplex communication
- External removable EEPROM SIM module
- Frequency management against interferences

Benefits

- Highly customizable
- Easy and fast maintenance
- High resistance to impacts
- Improved ergonomics
- Intrinsically safe

Applications

- ATEX certified for hazardous applications
- Used in crane applications

Comprehensive technical literature is online at *www.danfoss.com*











Technical data

| Specification | Value |
|--|--|
| Stop function (400-900MHz) | Cat. 3-PLd |
| Ingress Protection | IP65/NEMA4 |
| Anti-condensation system | N/A |
| Frequency band | 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 |
| Range Line of Sight (guaranteed) | 100m |
| Main mechanisms | 2 Step Push button (10 total) + START + STOP + Key |
| Auxiliary mechanisms | Toggle and rotary switches |
| Removable EEPROM | External |
| Battery model | BT06K ATEX |
| Battery life | 8h |
| Response Time | 100ms |
| Operating temperature Range | -20° to 70° C (-4° 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) | 600 g |
| Dimensions LxWxH mm | 270x71x64 |
| Harness | Hand/shoulder strap |
| Available Options | |
| Display | N/A |
| Cable connection | N/A |
| Range limiter | N/A |
| Associated receivers | R13, R70, MPCAN, R70 ATEX Z1, R13 ATEX Z2 |

ATEX / IECEx

Ex II 2 GD Ex ia IIC T4 Gb Ex ia IIIC T135°C Db CE0080 INERIS 08ATEX0006 IECEx INE 09.0014

CML 21UKEX21119

CSA / ULClass I, Division 1, Groups A, B, C & DClass II, Division 1, Groups E, F & GZone 21, AEx iaD T135°C T4 IP65

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