Explosion Proof Overhead Hoist Crane Radio Remote Control 6 Ch 2 Speed 18~440V

Key features

- 3 Year Warranty, Customer Support and Service in the USA

Wireless Remote Control Description

Safety of Receiver Operation. The system is with explosion-proof casing and inner electronic circuit safe solution and it meets ATEX rules and strictly complies with explosion-proof standard. The emergency stops circuit and control with duplex redundant and safety relay with forcibly guided (mechanically linker) contacts which make it meets the E-Stop class Gat.3 in the European mechanical equipment standard. To ensure safety, continuous wireless communication device make receiver stop passively when the radio signal is disconnected or is interfered. Buttons can be programmed to interlock to avoid opposite operation

Technical Specifications

FCC ID	OFNF21	**Transmitter Power**	≤10 dBm
Transmitter Power Supply	4 AA Batteries	**Wireless Frequency Range**	VHF: 310-331 MHz; UHF: 425-446MHz
Material	Glass-Fiber PA	**IEC Motor Protection**	IP65
Control Distance	Approx 100m (200 meters is customized)	**Operating Temperature Range**	-40°C ~ 185°F / -40°C ~ 85°C
Safety Code	32 bits (4.3 billion)	**Warranty**	3 Year

EF-24 TRANSMITTER

Explosion–proof design

MODEL: EF24–TX
ITEM CODE: 924–400–001
Dimension:186 x 61 x 51 mm
Weight: 280g(without batteries)

EF24–6S/D EF24–8S/D EF24–10S/D EF24–12S/D

Product features

- 10 double steps pushbuttons + EMERGENCY STOP + START KEY + SPARE
- 20 control contactors
- Battery voltage warning device, the power supply is cut off during low power
- Safety key switch is to prevent from unauthorized users
- Program the button function by computer interface
- Up/down, east/west, south/north can be programmed to to interlock or non–interlock
- Start key can be programmed to start, toggle switch, normal or other functions
- The spare buttons can be programmed to start, toggle, interlock or normal, etc

Standard Configuration

- **One transmitter(with hanging belt)**
- **One dust bag**
- **One receiver**
- **Receiver is with 1.6 meter cable**
- **Battery: one pair**
- **One receive antenna**
- **Operation and maintenance manual**

Dual power supply:

EF24 is new series explosion–proof radio remote control based on F24 series, strictly complies with explosion–proof criterion GB3638.1 and GB3836.4, and has passed EXiBII BT4 intrinsic safety certification, can operate safely in the chemical and petrochemical industries, mining and other flammable, explosive and hazardous environments,

CE FC Closed circuits AC/DC Power Temp.tolerant IP65 MODBUS

TELEcontrol

EF-24 RECEIVER

MODEL: EF24–RXC
ITEM CODE: 924–100–103
Dimension:210x162x107mm
Weight: 1220g

Safety of Receiver Operation
The system is with explosion–proof casing and inner electronic circuit safe solution and it meets ATEX rules and strictly complies with explosion–proof standard. The emergency stop circuit and control with duplex redundant and safety relay with forcibly guided (mechanically linked) contacts which make it meets the E–stop class Gat.3 in The European mechanical equipment standard.
To ensure safety, continuous wireless communication device make receiver stop passively when the radio signal is disconnected or is interfered.
Buttons can be programmed to interlock to avoid opposite operation.

Receiver Parameters: EF24–RXC	
Material	Glass–Fiber PA
Enclosure protection class	IP65
Frequency range	VHF: 310–331MHz; UHF: 425–446MHz
Receiver sensitivity	–110dBm
Receiver power supply	18~65V AC/DC、65~440V AC/DC (optional)
Output contactor capacity	8A sealed relay output (with AC 250V/10A relays, 10A fuse)
Control distance	Approx 100m (200 meters is customized)
Safety code	32 bits (4.3 billion)
Temperature range	–40℃~+85℃

Shell is of antistatic material, and adding antistatic agent, the maximum enhancement in the anti–static grade products.

Application:
Typical applications: It can be widely used in offshore oil field, oil tankers, onshore oilfield, chemical industry, oil refinery, coal mines, paint factory and aircraft maintenance factory.

Unit Weight & Dimensions

Total Unit Weight	4 lbs / 2 Kg

Packaging Weight & Dimensions

Package 1 Net Weight	4 lbs / 2 Kg
Package 1 Width	9 in / 22.86 cm
Package 1 Gross Weight	4 lbs / 2 Kg
Package 1 Height	5 in / 12.7 cm
Package 1 Length	18 in / 45.72 cm