

EF24 TRANSMITTER

Explosion-proof design



MODEL: EF24-6S/D-TX
 Dimension: 156 x 61 x 51mm
 Weight: 255g(without batteries)

MODEL: EF24-8S/D-TX
 Dimension: 186 x 61 x 51mm
 Weight: 280g(without batteries)

MODEL: EF24-10S/D-TX
 Dimension: 186 x 61 x 51mm
 Weight: 280g(without batteries)

MODEL: EF24-12S/D-TX
 Dimension: 186 x 61 x 51mm
 Weight: 280g(without batteries)



Product features

- Explosion-proof: CT4
- 20 control contacts
- 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 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

Transmitter Parameters: EF24-TX

Material	Glass-Fiber PA
Enclosure protection class	IP65
Frequency range	VHF: 310~331MHz; UHF: 425~446MHz
Transmitter power	≤10dBm
Transmitter power supply	4 AA batteries
Safety code	32 bits (4.3 billion)
Temperature range	-40℃~+85℃
Control distance	Approx 100m (200m is customized)



EF24 RECEIVER

MODEL: EF24-RXC
 Dimension: 210 x 162 x 107mm
 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	AC/DC 18~65V, AC/DC 65~440V (optional)
Output contactor capacity	8A sealed relay output (with AC 250V/10A relays, 10A fuse)
Cable length	2m (it can be 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.