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)







EF24-105/D

EF24-125/D

Standard Configuration

- One transmitter(with hanging belt)
- One dust bag
- One receiver
- Receiver is with 2m cable
- Battery: two 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 CT4 intrinsic safety certification, can operate safely in the chemical and petrochemical industries, mining and other flammable, explosive and hazardous environments.

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 explosionproof 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
Receiver sensitivity	-110dBm
Receiver power supply	AC/DC 18~65V, AC/DC 65~4
Output contactor capacity	8A sealed relay output (with AC
Cable length	2m (it can be customized)
Safety code	32 bits (4.3 billion)
Temperature range	-40°C~+85°C



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.

- 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 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°C~+85°C
Control distance	Approx 100m (200m is customized)





http://www.e-telecontrol.com

http://www.uting3e.com













5~446MHz

antenna

440V (optional)

C 250V/10A relays, 10A fuse)