

Questionnaire | Specification data

JAY Radio Remote Controls



Application data

Customer: _____

Type of application / machine: _____

Function(s) to control: _____

Countries and / or accepted frequencies: _____

Required Emergency Stop safety level: no safety SIL2 (PLd) SIL3 (PLe) other: _____

Feedback to operator: yes no if yes, which data to feedback: _____

Number of machines to control & type (i.e. 3 tandem cranes, ...): _____

Number of operators: _____ Simultaneous operation: yes no

Usage frequency: _____ per day

Environment indoor outdoor

Ambient temperature (°C) >-20°C <50°C other Min: _____ Max: _____

Harsh environment: yes no if yes, describe environment _____

Explosion proof (AtEx/IECEX): yes no if yes, which zone? _____

Number of receivers in this inquiry: _____ (estimation per year: _____)

Number of transmitters in this inquiry: _____ (estimation per year: _____)

Operator/Transmitter module



Number of movements
 2 6 8 10 other: _____



Number of Joysticks: 1 2 3 other: _____

Number of toggles: 3 6 other: _____

Number of rotary switches: _____

Number of potentiometers: _____

Options: Deadman Vibrator Start up by infrared validation

Receiver/Transceiver module

Power supply: 12VDC 24VDC 24VAC 48VAC 110VAC 230VAC Other: _____

Receiver/transceiver installation Inside a cabinet? yes no

Straight line of sight with transmitter? yes no

Max distance between receiver and transmitter (m) _____

Communication

Field bus: CANOpen DeviceNet ProfiBus Ethernet/IP bus other: _____

is communication required with the PLC yes no

Relays: Number of relay outputs 2 3 6 7 12 18 other: _____

Number of analog input signals 1 2 4 6 other: _____

Number of analog output signals 1 2 3 other: _____

Number of logical inputs (for alarms and status): _____

General information

Type of desired radio remote control



Fleet emergency Stop



Validation handle



Push button



Belly box



No idea

Comments (Main safety risks, specific safety requirements, area restriction, existing control solution, current issues...)

