

SALIENT FEATURES

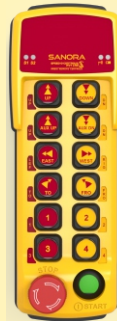

- ♦ **Pairing**
Any transmitter & receiver can be paired on-site (for easy spare management)
- ♦ **Adjustable Range**
Operating Range Adjustment (from 10m to 200m)
- ♦ **Adjustable Start Range**
Only START functionality can be range adjustable
- ♦ **Password**
Transmitter password protection
- ♦ **Frequency Change**
Operating channel can be changed on site
- ♦ **Idle Time**
Configurable Idle Time out in Transmitter

ADDITIONAL FEATURES

| | |
|---------------------|---|
| Emergency STOP | 2 NC contacts for EMS (EN-954-1 Safety Standard) |
| Indication | LED Indication for Battery LOW, Transmission and Error status |
| Address Code | Unique Address Code to avoid interference |
| Antenna | Internal Antenna in transmitter & receiver |
| Relay Assignment | Configurable Relay assignment available |
| Auxillary Functions | Selector Switch / Toggle Switch/ Push Buttons /Rotary Switch |

TRANSMITTER

| | |
|---------------------------|----------------------------------|
| OPERATING FREQUENCY | 433-434 MHz |
| CHANNEL SPACING | 25 KHz |
| MODULATION | FM |
| RF POWER OUTPUT | 10 mW |
| POWER CONSUMPTION | <50mA |
| STANDBY POWER CONSUMPTION | 1mA |
| BATTERY CAPACITY AND TYPE | 3.6V, 2300mAh Ni-MH Rechargeable |
| OPERATING TEMPERATURE | -20°C to +70°C |
| WEIGHT | 600gms |
| DIMENSIONS (MM) | 236 (H) X 66 (W) X 66 (B) |
| OPERATING RANGE (STD) | 100 meters |
| PROTECTION RATING | IP 65 IS/IEC 600529:2001 |

| TRANSMITTER | RECEIVER |
|--|---|
|  |  |
| SANORA 12S → | 12 Pushbutton Single speed |
| SANORA 12D → | 12 Pushbutton Dual speed |

BATTERY & CHARGER DETAILS

| | |
|--------------------------------|----------------------|
| BATTERY TYPE | Ni-MH, 3.6V, 1800mAh |
| BATTERY WEIGHT | 121 gm |
| BATTERY CHARGER INPUT SUPPLY | 110 / 220 VAC |
| BATTERY CHARGER DIMENSION (MM) | 105 X 48 x 91 |
| BATTERY CHARGING TIME | 4hrs |

RECEIVER

| | |
|-----------------------|------------------------------|
| OPERATING FREQUENCY | 433-434 MHz |
| CHANNEL SPACING | 25 KHz |
| RF SENSITIVITY | -117dBm at 0.6kbaud |
| NUMBER OF RELAYS | 18 + 2 (Start/Alarm) |
| RELAYS | Resistive load: 5A at 250VAC |
| POWER REQUIREMENTS | 110 VAC / 230 VAC |
| FASTENING | By means of Nuts & Bolts |
| OPERATING TEMPERATURE | -20°C to +70°C |
| WEIGHT | Approx 1.40 Kg |
| DIMENSIONS (MM) | 284 (H) x 220 (B) x 110 (W) |
| OPERATING RANGE | 100 meters |
| PROTECTION RATING | IP 65 (NABL lab tested) |