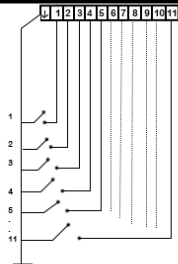
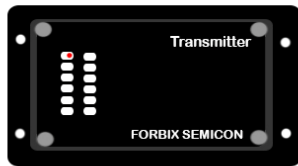
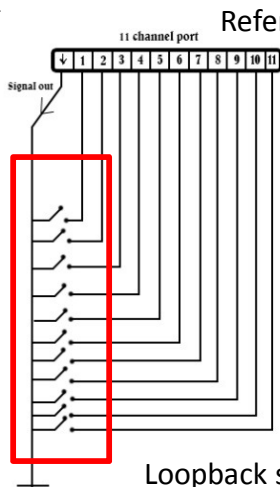


FBX711A : Wireless long range 11 channel transmitter

Technical specification



Reference pic: 1



Reference pic: 2

Loopback switch point

FBX711A

Long range 11-channel signal transmitter (wall mounted)

Features:

- Single channel long range transmitter (2-3Kms range)
- Can be triggered by panic button or external devices
- Pin **SIGNAL OUT** : from transmitter
- Pin **SIGNAL IN 1** : for channel 1
- Pin **SIGNAL IN 2** : for channel 2
- Pin **SIGNAL IN 3** : for channel 3
- Pin **SIGNAL IN 11** : for channel 11
- Loopback **SIGNAL OUT** to particular **SIGNAL IN** to make respective channel active (refer to pic:1 and 2)

Loopback can be done using external RELAY contactor points

Technical details:

- Transmitter with external PA +28dbm
- Operating frequency: 380 – 480 MHz
- System operates works on signal hop mechanism. Signal transmission happens at more than 12-15 predefined frequencies
- Modulation type: GFSK
- Radio IC: CC1100 (Chipcon/TI) and other equivalents in sub-GHz freq.
- Modulation: GFSK
- Data packet error correction mechanism: FEC

Dimension

Transmitter enclosure type: IP 65 (color black)
 Size: 235 x 120 x 65 mm
 Weight: 500gms
 Outside body: metal enclosure
 Metallic enclosure unit: :300 x 300 x 170
 Metallic enclosure weight: 3500 gms

Operating voltage:

110-220VAC/50-60Hz to 12VDC converter adapter supplied.
 Unit can also be plugged to any 12V external battery. Active working hours depends on the battery power.

Precautions and mounting locations:

- Mounted on the top of door / pole or on wall
- Mounting it at an height of 12-18 feet above the ground is mandatory. This improves the range and performance
- Unfold the antenna wire and mount the stub upright (pointing to the sky)
- Receiver unit should be away from any obstruction concrete / trees / poles etc. for a distance of at least 300 meters
- Hooter siren audible range is higher towards the front side
- If directly hit by lightning and thunderstorm, the system will permanently damage

Application and features:

- Motor pump controllers
- Conveyer belts ON/OFF switch
- Panic alarm in buildings (in case of emergency)

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