

Water pump controller

FORBIX SEMICON



Manually trigger



FBXNPS



FBXDPS



FBXDPL



FBXBG1

Automatic trigger



FBXNAS OR FBXDAS



FBXDAL

Model Nomenclature:

FBXNPS

● **FBX**: Prefix to FORBIX SEMICON products

N (Normal): for pumps below 2HP capacity

● **D** (DOL): for pumps using DOL motors
(usually more than 2HP capacity)

B : Supports Both Normal direct drive and DOL drive

● **P** (Pump): Direct drive ON/OFF

A (Automatic): pumps ON/OFF depends on water level in tank
(feedback signal received from tank water level)

● **S** (Short range): 30-40 meters indoors and 100-150 meters outdoors

L (Long range): 200-500 meters indoors, 2-4Kms in urban city limits
5-8Kms in clear open line of sight

Model no: FBXNPS

- 100-150m in open line of sight
- Direct ON/OFF motor pump
- Motor capacity less than 2HP
- Variations: Antenna on remote to enhance range
- Variations: Manual ON/OFF button to override radio

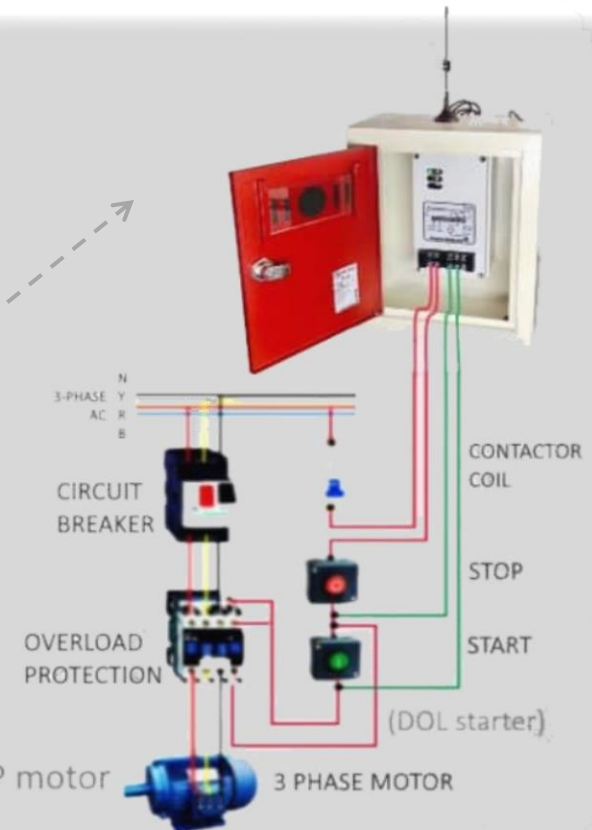


Model no: FBXDPS

- 100-150m in open line of sight
- Connects to DOL motor pump controller
- Motor capacity usually more than 2HP
- Variations: Antenna on remote to enhance range
- Variations: Metal box housing (enclosure)

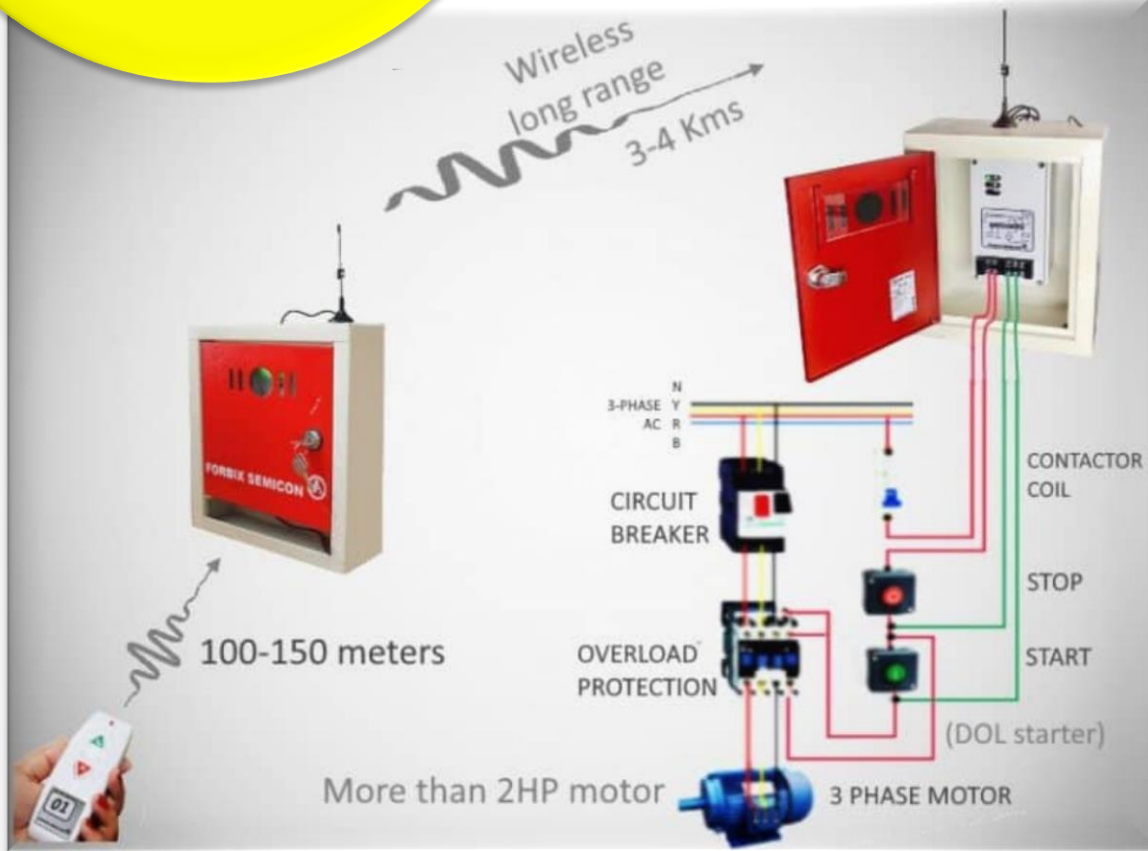


100 to 150m



Model no: FBXDPL

- 1-3Km in open line of sight (Long Range)
- Connects to DOL motor pump controller
- Motor capacity usually more than 2HP
- Both transmitter and receiver are static devices. Operate the motor pump device with the white remote controller

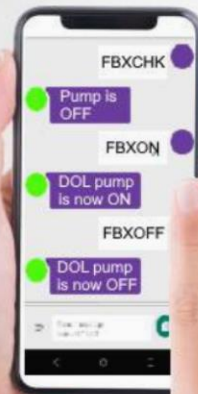


Model no: FBXBG1

- Supports both Normal direct drive motor and DOL start motor
- Mobile SMS commands to trigger the pump ON/OFF
- Mode of operation can be set using SMS commands



Send SMS to control
a motor from any
location



Model no:

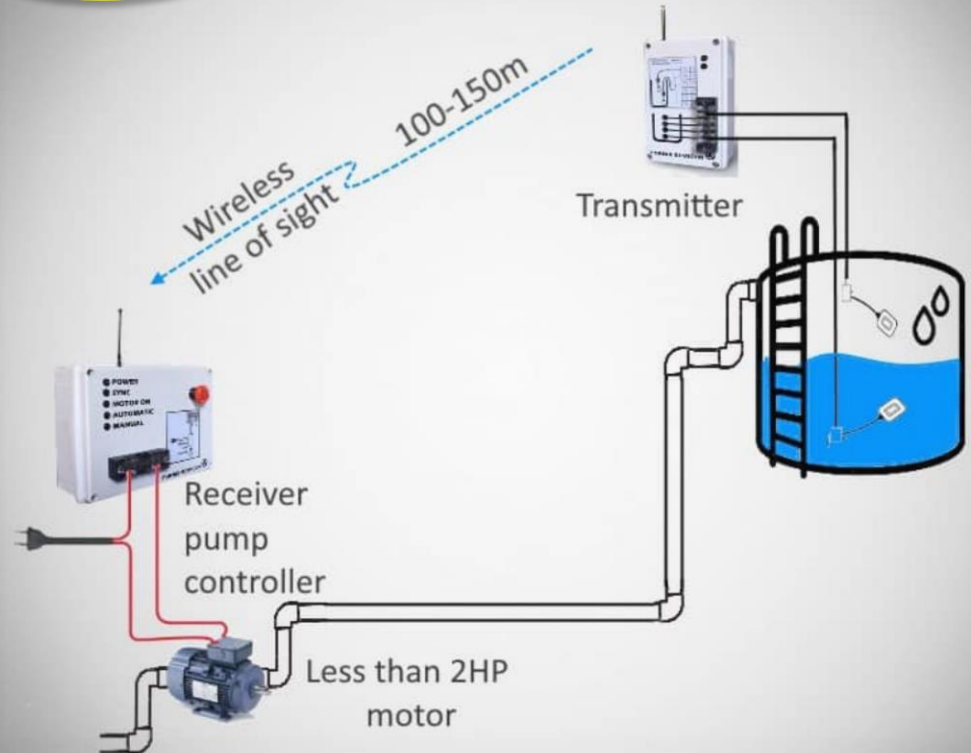
FBXNAS/FBXDAS

- **Automatic** pump controller, level of water in tank decides motor ON/OFF condition
- FBXNAS: support **short range** for **direct** motor drive
- FBXDAL supports **long range** for **DOL** motor drive

Conditions for pump ON/OFF

When overhead tank water level is 1/4th or below => pump ON

When overhead tank water level is FULL or more => pump OFF



Model no: FBXDAL

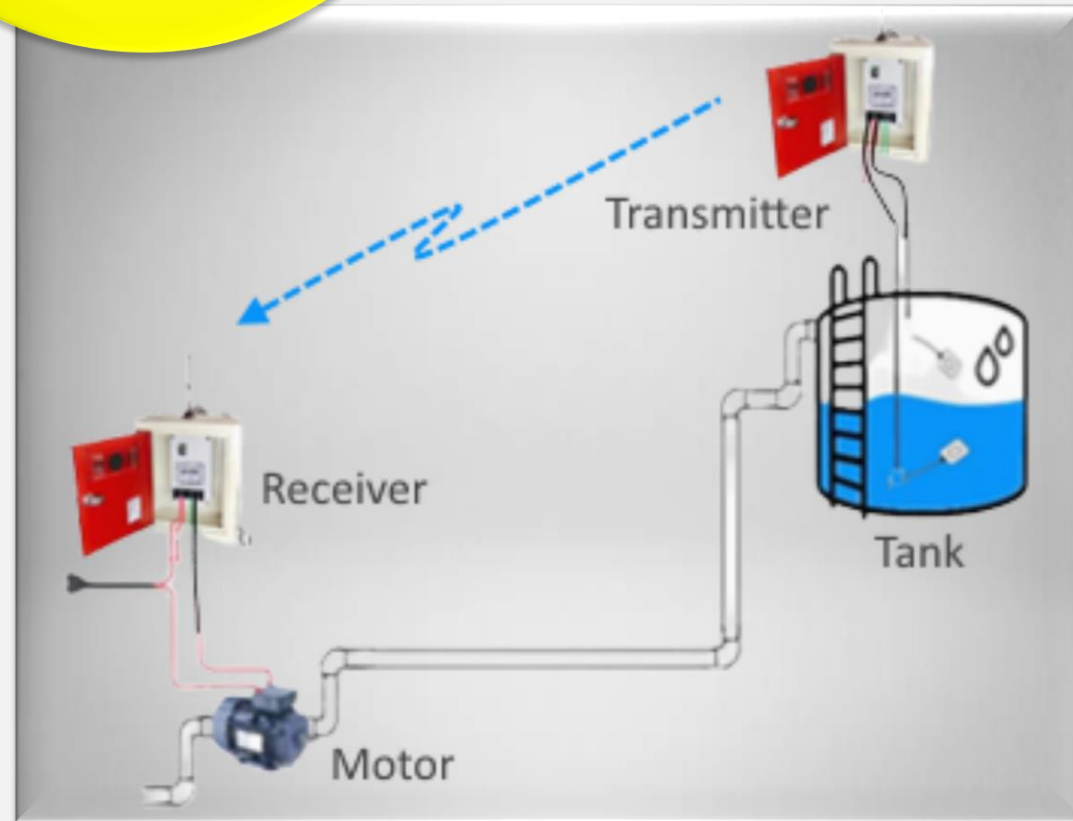
- **Automatic** pump controller, level of water in tank decides motor ON/OFF condition
- 1-3Km in open line of sight (Long Range)
- Connects to DOL motor pump controller
- Motor capacity usually more than 2HP



Conditions for pump ON/OFF

When overhead tank water level is 1/4th or below => pump ON

When overhead tank water level is FULL or more => pump OFF





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