

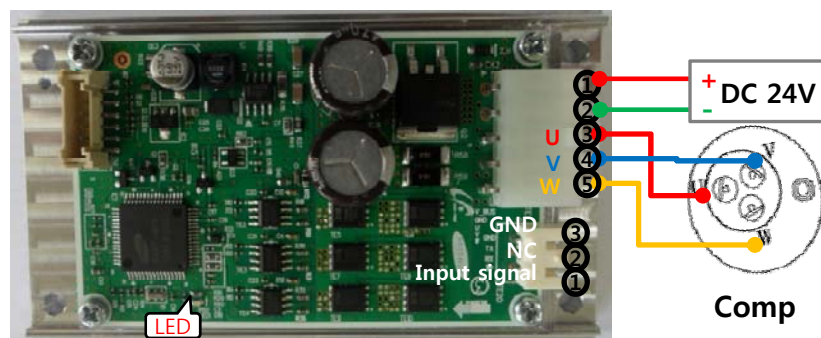
DC Controller Operation Specifications (UX0T011ZNA)

對外秘



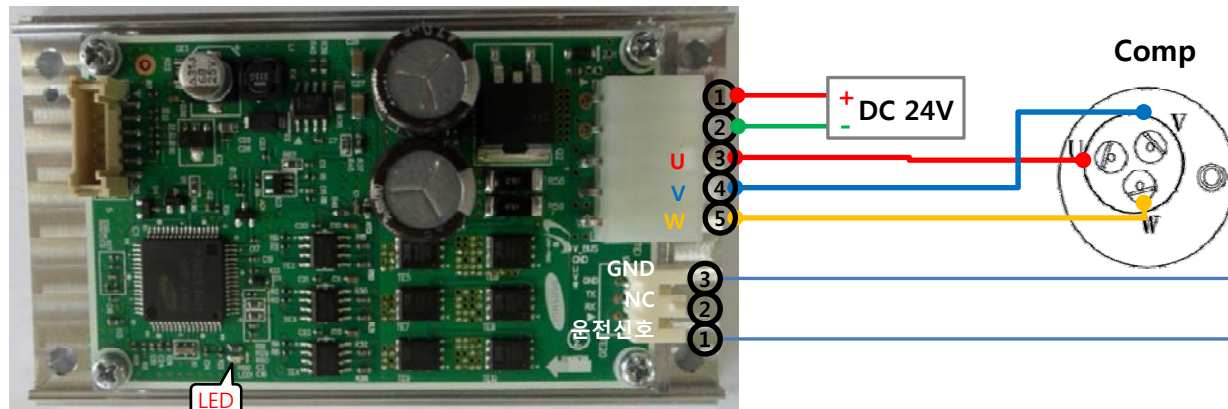
- Operation Signal : Input Signal Frequency[Hz] = Comp rotational speed [RPS] x 2.0
- Comp Activation Condition : Higher than **40Hz(20RPS)**
- Oil Pump : Comp works regardless of operation signal frequency for 3 minutes at 50 RPS
- Maximum Comp Rotational Speed Limits : **80RPS**
- Comp Stop : If Input Signal Frequency is lower than **30Hz(15RPS)**, Than Comp stop
- Time Limit for Restarting: Within a minute after Comp stop , even if restarting input signal is recognized, comp is not work.
- Comp Operation Fail : While Comp is working, if operation fail occurs, comp stops and LED works as below

[The number of Flicker of LED according to comp operation fail]



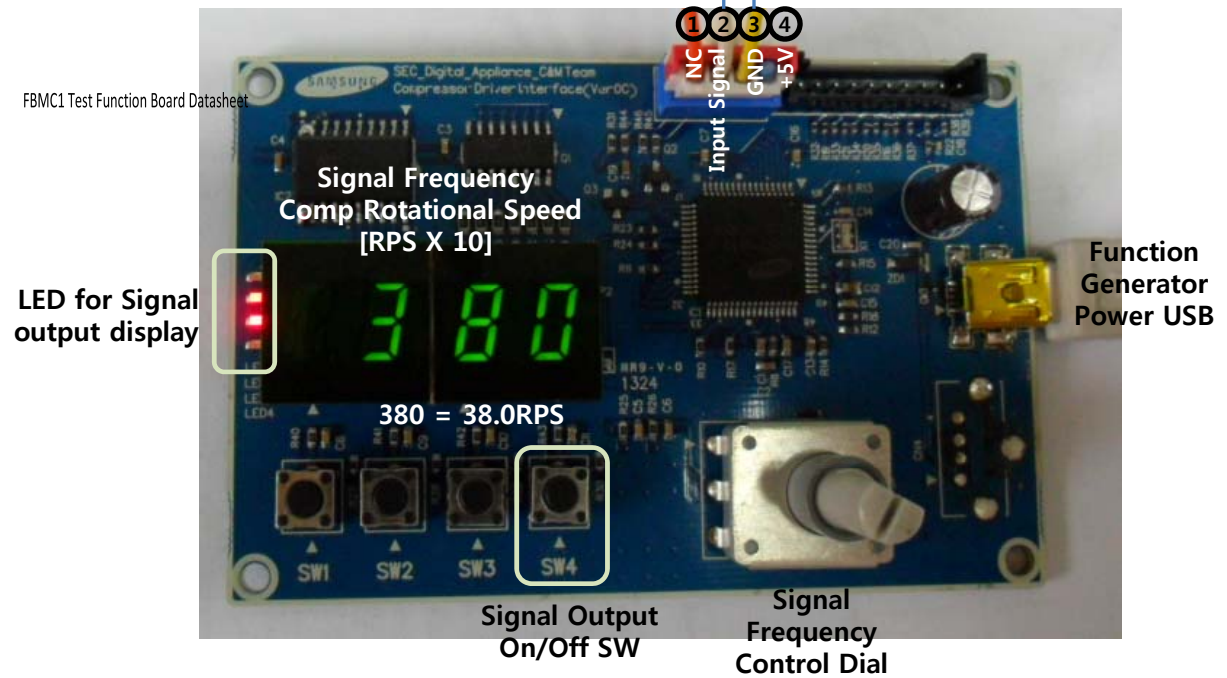
LED	Comp Operation Fail
1 time	Comp Locked, Overload
2 times	Comp Line open, Error of Current sensing
3 times	Motor Wire Short, Overcurrent
4 times	AC Voltage Abnormality
5 times	Controller Over Temperature

DC 제어기 Diagram(UX0T011ZNA)



Comp Controller

FBMCL Test Function Board Datasheet



Function Generator for Comp operation test