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Rev	Description	Date	APVD

Revision History

Power Supply: 110-120V AC or 220-240V AC

- P.E: Protective Earth
- H: Heater
- HT: Heater Thermostat
- MT: Motor Thermostat
- M: Motor
- LS1: Limit Switch for OPEN (3A/250V AC)
- LS2: Limit Switch for CLOSE (3A/250V AC)
- LS3: SPDT Auxiliary Limit Switch (3A/250V AC)
- LS4: SPDT Auxiliary Limit Switch (3A/250V AC)

- Notes:
- 1) Modulating Board  
Input Signal : 4-20mA, 2-10V  
(It is suggested to use the shielding wire and its length should not exceed 30m.)  
Output Signal : 4-20mA, 2-10V
  - 2) Wiring is shown with Actuator Fully Closed.
  - 3) **Applicable to Actuator models iVQ-C, D.**



**Innovative Actuation Incorporated**

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DESCRIPTION:  
110/220V AC Modulating with Heater,  
Thermostat, Auxiliary Switches and  
4-20mA Feedback 75% Duty

WIRING DIAGRAM CODE: RF DATE: APR. 21/2018

WIRING DIAGRAM NO.: Q-2FN21N3N-1