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Rev	Description	Date	APVD

**Revision History**

Power Supply: 24V DC

P.E: Protective Earth  
H: Heater  
HT: Heater Thermostat  
MT: Motor Thermostat  
M: Motor  
LS1: Limit Switch for OPEN (5A/250V AC)  
LS2: Limit Switch for CLOSE (5A/250V AC)  
LS3: SPDT Auxiliary Limit Switch (5A/250V AC)  
LS4: SPDT Auxiliary Limit Switch (5A/250V AC)  
TS: Torque Switches (optional)

- 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-O to R.**

  
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**DESCRIPTION:**  
24V DC Modulating with Heater, Thermostat,  
Auxiliary Switches and 4-20mA Feedback  
50% Duty

WIRING DIAGRAM CODE: **QG**      DATE: **JAN. 07/2021**

WIRING DIAGRAM NO.: **Q-1DN21N3N-2**