

Available Options:

1 – Type: iVQ

2 – Size: **A** – 6 N•m / 53 lb•in
B – 15 N•m / 132 lb•in
C – 35 N•m / 310 lb•in
D – 50 N•m / 445 lb•in
E – 65 N•m / 575 lb•in
F – 90 N•m / 800 lb•in
G – 120 N•m / 1,065 lb•in
H – 150 N•m / 1,330 lb•in
I – 300 N•m / 2,665 lb•in
J – 400 N•m / 3,540 lb•in
K – 500 N•m / 4,430 lb•in
L – 650 N•m / 5,755 lb•in
M – 1,000 N•m / 8,855 lb•in
N – 1,500 N•m / 13,280 lb•in
O – 2,000 N•m / 17,710 lb•in
P – 2,500 N•m / 22,140 lb•in
Q – 3,000 N•m / 26,565 lb•in
R – 3,500 N•m / 31,000 lb•in

3 – Manual Override: **N** – None

L – Lever (only available with iVQ-A, B, C & D)

H – Handwheel (not available with iVQ-A, B, C & D)

C – Chainwheel c/w 5m chain (not available with iVQ-A, B, C & D)



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- 4 – Enclosure: **W** – Watertight to CSA and NEMA 4X
E – Watertight and Explosionproof to CSA and NEMA 4X, 7 & 9
- 5 – Local Controls: **N** – None
L – Local Control Unit (not available with iVQ-A, B)
- 6 – Voltage: **A** – 24V AC
B – 24V DC
C – 110V AC
D – 220V AC
- 7 – Control / Duty: **A** – ON/OFF / 30% Duty
B – Modulating / 30% Duty
C – ON/OFF / 50% Duty
D – Modulating / 50% Duty
E – ON/OFF / 75% Duty
F – Modulating / 75% Duty
- 8 – Action on Modulating Signal Loss: **N** – None
A – Hold in Last Position on Signal Loss
B – Fail Clockwise CLOSE on Signal Loss
C – Fail Counter-Clockwise OPEN on Signal Loss
- 9 – Running Time: **A** – Standard (as shown in the Electrical Data Document)
- 10 – Conduit Entry: **A** – ½” NPT
B – ¼” PF (iVQ-A & B only)

11 – Base: 1 – F03 & F05 (iVQ-A, B & C)

2 – F05 & F07 (iVQ-D)

3 – F07 & F10 (iVQ-E, F, G, H & I)

4 – F10 & F12 (iVQ-J, K & L)

5 – F12 (iVQ-M & N)

6 – F14 (iVQ-M, N, O, P, Q & R)

7 – F16 (iVQ-O, P, Q & R)

12 – Paint / Position Indicator: A – Standard Green (RAL6018) / No Indicator

B – Standard Green (RAL6018) / Indicator Green (CLOSE) Red (OPEN)

C – Standard Green (RAL6018) / Indicator Red (CLOSE) Green (OPEN)

D – Standard Green (RAL6018) / Indicator Red (CLOSE) Yellow (OPEN)

E – Red (RAL3001) / No Indicator

F – Red (RAL3001) / Flat Yellow Indicator / Black Pointer

G – Red (RAL3001) / Flat Yellow Indicator / Green Pointer

H – Red (RAL3001) / Flat Yellow Indicator / Red Pointer

13 – Ingress Protection / Temperature: 1 – IP67 / Standard Temp

2 – IP67 / Low Temp

3 – IP68 / Standard Temp

4 – IP68 / Low Temp

14 – Options: N – None

A – 316 Stainless Enclosure

B – Junction Box

C – Extended Travel

D – Class H Motor Insulation

E – Torque Switches

- 15 – Wiring Diagram Code:**
- QA** – 24V AC/DC ON/OFF 30% Duty
 - QB** – 24V AC/DC ON/OFF with Heater, Thermostat, Auxiliary Switches, 4-20mA Feedback and Local Control Unit 50% Duty
 - QC** – 24V AC/DC ON/OFF with Heater, Thermostat, Auxiliary Switches and Local Control Unit 50% Duty
 - QD** – 24V AC/DC ON/OFF with Heater, Thermostat, Auxiliary Switches and 4-20mA Feedback 50% Duty
 - QE** – 24V AC/DC ON/OFF with Heater, Thermostat and Auxiliary Switches 50% Duty
 - QF** – 24V AC/DC Modulating with Heater, Thermostat, Auxiliary Switches, 4-20mA Feedback and Local Control Unit 50% Duty
 - QG** – 24V AC/DC Modulating with Heater, Thermostat, Auxiliary Switches and 4-20mA Feedback 50% Duty
 - QH** – 24V AC/DC ON/OFF with Heater, Thermostat, Auxiliary Switches, 4-20mA Feedback and Local Control Unit 75% Duty
 - QI** – 24V AC/DC ON/OFF with Heater, Thermostat, and Auxiliary Switches and Local Control Unit 75% Duty
 - QJ** – 24V AC/DC ON/OFF with Heater, Thermostat, Auxiliary Switches, and 4-20mA Feedback 75% Duty
 - QK** – 24V AC/DC ON/OFF with Heater, Thermostat and Auxiliary Switches 75% Duty
 - QL** – 24V AC/DC Modulating with Heater, Thermostat, Auxiliary Switches, 4-20mA Feedback and Local Control Unit 75% Duty
 - QM** – 24V AC/DC Modulating with Heater, Thermostat, Auxiliary Switches, and 4-20mA Feedback 75% Duty
 - QN** – 110/220V AC ON/OFF 30% Duty
 - QO** – 110/220V AC ON/OFF with Heater, Thermostat, Auxiliary Switches, 4-20mA Feedback and Local Control Unit 30% Duty
 - QP** – 110/220V AC ON/OFF with Heater, Thermostat, and Auxiliary Switches and Local Control Unit 30% Duty

- QR** – 110/220V AC ON/OFF with Heater, Thermostat, and Auxiliary Switches 30% Duty
- QS** – 110/220V AC Modulating with Heater, Thermostat, Auxiliary Switches, 4-20mA Feedback and Local Control Unit 30% Duty
- QT** – 110/220V AC Modulating with Heater, Thermostat, Auxiliary Switches, and 4-20mA Feedback 30% Duty
- QU** – 110/220V AC ON/OFF with Heater, Thermostat, Auxiliary Switches, 4-20mA Feedback and Local Control Unit 50% Duty
- QV** – 110/220V AC ON/OFF with Heater, Thermostat, Auxiliary Switches and Local Control Unit 50% Duty
- QW** – 110/220V AC ON/OFF with Heater, Thermostat, Auxiliary Switches, and 4-20mA Feedback 50% Duty
- QX** – 110/220V AC ON/OFF with Heater, Thermostat, and Auxiliary Switches 50% Duty
- QY** – 110/220V AC Modulating with Heater, Thermostat, Auxiliary Switches, 4-20mA Feedback and Local Control Unit 50% Duty
- QZ** – 110/220V AC Modulating with Heater, Thermostat, Auxiliary Switches, and 4-20mA Feedback 50% Duty
- RA** – 110/220V AC ON/OFF with Heater, Thermostat, Auxiliary Switches, 4-20mA Feedback and Local Control Unit 75% Duty
- RB** – 110/220V AC ON/OFF with Heater, Thermostat, Auxiliary Switches, and Local Control Unit 75% Duty
- RC** – 110/220V AC ON/OFF with Heater, Thermostat, Auxiliary Switches, and 4-20mA Feedback 75% Duty
- RD** – 110/220V AC ON/OFF with Heater, Thermostat, and Auxiliary Switches 75% Duty
- RE** – 110/220V AC Modulating with Heater, Thermostat, Auxiliary Switches, 4-20mA Feedback and Local Control Unit 75% Duty
- RF** – 110/220V AC Modulating with Heater, Thermostat, Auxiliary Switches, and 4-20mA Feedback 75% Duty