**LARGE CHILLER HEAD PRESSURE CONTROL REQUIRING (2) 0-10 VDC ACTUATORS**
WIRING IS SAME FOR 1/3-2/3 VALVE SETUPS

Set 1/3 Valve Assembly for 0.5 VDC & the 2/3 Assembly For 5-10 VDC
For Dual Actuator Applications set them both for 0-10 VDC

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**LARGE CHILLER HEAD PRESSURE CONTROL REQUIRING (2) 4-20mA ACTUATORS**
WIRING IS SAME FOR 1/3-2/3 VALVE SETUPS

Set 1/3 Valve Assembly for 4-12 mA & the 2/3 Assembly For 12-20 mA
For Dual Actuator Applications set them both for 4-20 mA

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**CONDENSER WATER VALVE**

ACTUATOR HAS 4 TO 1 LEVER OR TORQUING ADVANTAGE

160 DEG ACTUATOR TO 70 DEG VALVE ROTATION OR A 2.3 TO 1 RATIO MORE THAN DOUBLES THROTTLING DISC REPOSITIONS (RESOLUTION)
LARGE CHILLER HEAD PRESSURE CONTROL REQUIRING (2) 0-10 VDC ACTUATORS 
WIRING IS THE SAME FOR 1/3-2/3 VALVE SETUPS

Set 1/3 Valve Assembly for 0-5 VDC & the 2/3 Assembly 
For 5-10 VDC
For Dual Actuator Applications set both for 0-10 VDC

19 WATTPS 
0.24 AMPS 
120VAC

ACTUATOR HAS 4 TO 1 LEVER 
OR TORQUING ADVANTAGE

160 DEG ACTUATOR TO 70 DEG VALVE 
ROTATION OR A 2.3 TO 1 RATIO MORE 
THAN DOUBLES THROTTLING DISC 
REPOSITIONS (RESOLUTION)

CONDENSER WATER VALVE

120/24 VAC Transformer Located under 
Actuator Cover

Separate 120 VAC 
Or 24 VAC Power 
Supply Required

Chiller Main 
Unit Control 
Panel 1U5 J7 
2-10 VDC 
Signal Source

For 4-20mA 
Signal Move 
Wire to +

24 VAC 
From 20 VA 
Actuator 
Transformer

24 VAC 
From 20 VA 
Actuator 
Transformer

Chiller Control 
Panel 1U5 J7

Q730A ACTUATOR INTERFACE 
MODULE LOCATED UNDER 
ACTUATOR COVER

(+) (-) 
4-20 mA 
Signal Source

2(-) 1+

SEPARATE 120 VAC 
OR 24 VAC POWER 
SUPPLY REQUIRED

CHILLER CONTROL 
PANEL 1U5 J7

2-10 VDC 
Signal Source

Separate 120 VAC 
Or 24 VAC Power 
Supply Required

Condenser Located 
Behind Evaporator

CNW Return Top Connection

CNW Supply Bottom Connection

MOUNT VALVE IN 
CNW RETURN

LARGE CHILLER HEAD PRESSURE CONTROL 
REQUIRING (2) 4-20mA ACTUATORS 
WIRING IS SAME FOR 1/3-2/3 VALVE SETUPS

Set 1/3 Valve Assembly for 
4-12 mA & the 2/3 Assembly 
For 12-20 mA
For Dual Actuator Applications set both for 4-20 mA

24 VAC 
From 20 VA 
Actuator 
Transformer

24 VAC 
From 20 VA 
Actuator 
Transformer

Chiller Control 
Panel 1U5 J7

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