



Electrical wiring diagram CE622

E920 Digital control wiring diagram

Emergency protection ESD wiring	
Interlocks control wiring(use open/close interlock)	
Open/close inching control	
Open/close keep control	
Open/Close/Stop keep Protection	
Two wire control: impel open,no impel close,open priority	
Two wire control: impel close,no impel open,close priority	
Remote indication	<div> <div> Valve Indication </div> <div> Torque Indication </div> </div>

Note ①:When supplies power by internal 24VDC/AC, connect to ④; by external 20-60VDC/AC supplies power, connect to external power negative wire .

Note ②:When supplies power by external 60-120VAC , connect to external power wire.

Note ③:When internal power supplies , connect to ⑤; external power supply , connect to external power positive wire.

Note ④:When supplies power by internal 24VDC/AC, connect to ④; by external 20-60VDC/AC supplies power, connect to external power negative wire and ④ .

Note ⑤:When supplies power by external 60-120VAC. connect to external power line and ④.

⊕ Connect to the earth

Ⓝ Zero line

Ⓤ Dynamic power terminals 1

Ⓥ Dynamic power terminals 2

Ⓦ Dynamic power terminals 3

④ Internal 24 V DC power -

⑤ Internal 24 V DC power +

⑥ Pins 3 of Relay S1

⑦ Pins 4 of Relay S1

⑧ Pins 3 of Relay S2

⑨ Pins 4 of Relay S2

⑩ Pins 3 of Relay S3

⑪ Pins 4 of Relay S3

⑫ Pins 3 of Relay S4

⑬ Pins 4 of Relay S4

⑭ Monitor relay output contacts public end

⑮ Monitor relay output contacts closed end

⑯ Monitor relay output contacts open end

⑰ Remote valve position feedback +

⑱ Remote valve position feedback -

⑲ Remote torque feedback +

⑳ Remote torque feedback -

㉑

㉒ Communication power supply (+5V)

㉓ Communication GND

㉔ A/Y

㉕ ESD (Emergency protection)

㉖ B/Z ㉗ A/Y ㉘ B/Z

㉙ Communication shield GND 1

③①

③① Remot control low voltage - (20-60V AC/DC)

③② Remot control high voltage -(60-120V AC)

③③ Remote closed signal input terminal

③④ Remote stop/keep signal input terminal

③⑤ Remote open signal input terminal

③⑥ Remot control low voltage - (20-60V AC/DC)

③⑦ Open interlocks

③⑧ Close interlocks

③⑨ Manual/automatic switch

④① Remot control high voltage -(60-120V AC)

④② analog quantity input -

④③ Analog current input +

④④ Analog voltage input +

④④

④⑤ Communication shield GND 2

④⑥ Pin 5 of monitor relay S5

④⑦ Pin 4 of monitor relay S5

④⑧ Pin 3 and pin 6 of monitor relay S5

④⑨ Pin 5 of monitor relay S6

④⑩ Pin 4 of monitor relay S6

④⑪ Pin 3 and pin 6 of monitor relay S6

④⑫ Pin 5 of monitor relay S7

④⑬ Pin 4 of monitor relay S7

④⑭ Pin 3 and pin 6 of monitor relay S7

① Pin 5 of monitor relay S8

② Pin 4 of monitor relay S8

③ Pin 3 and pin 6 of monitor relay S8