



Tlf: 91795392  
 Blåbærdalen 30 6518 Kr.sund N  
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 www.tgelectronics.no

## PRISLISTE KULEVENTIL M/EL.AKTUATOR A20



Kuleventil med elektrisk aktuator, rustfri  
 ss304, aktuator A20 med indikering,  
 1,5m kabel  
 Tekn.data: se datasheet

Minst kjøp 10stk

Leveres med BSP eller NPT gjenger.

### Technical Parameters:

Product size	<input type="checkbox"/> NPT/BSP 1/4" <input type="checkbox"/> NPT/BSP 1/2" <input type="checkbox"/> NPT/BSP 3/4" <input type="checkbox"/> NPT/BSP 1" <input type="checkbox"/> NPT/BSP 1 1/4" (Optional)
Maximum working pressure	1.3 MPa
Circulation medium	Fluid, air
Rated voltage	<input type="checkbox"/> DC5V/ <input type="checkbox"/> DC12V <input type="checkbox"/> DC24V <input type="checkbox"/> AC/DC9-24V <input type="checkbox"/> AC/DC-35V <input type="checkbox"/> AC110-230V

	(Optional)
Wiring control methods	<input type="checkbox"/> CR2-01 <input type="checkbox"/> CR2-02 <input type="checkbox"/> CR3-01 <input type="checkbox"/> CR3-02 <input type="checkbox"/> CR3-03 <input type="checkbox"/> CR3-04 <input type="checkbox"/> CR4-01 <input type="checkbox"/> CR5-01 <input type="checkbox"/> CR5-02 <input type="checkbox"/> CR7-01 <input type="checkbox"/> CR7-02 <input type="checkbox"/> CR7-04 (Optional)
Working current	≤500mA
Open/close time	≤5S
Life time	70000 times
Valve Body material	<input type="checkbox"/> Brass <input type="checkbox"/> Nickel plated Brass <input type="checkbox"/> 304 Stainless steel (Optional)
Actuator material	Engineering Plastics
Sealing material	EPDM & PTFE
Actuator rotation	90°
Max. torque force	2 N.m
Cable Length	0.5m, 1.5m (Optional)
Environment temperature	-15℃ ~ 50℃
Liquid temperature	2℃ ~ 90℃
Manual override	<input type="checkbox"/> Yes <input type="checkbox"/> No (Optional)
Indicator	<input type="checkbox"/> Yes <input type="checkbox"/> No (Optional)
Protection class	IP67

Wire diagram	Størrelse	Spenning	Pris
CR2-01	1/2»	12V eller 24Vdc	800,-
CR2-01	3/4 »	12V eller 24Vdc	850,-
CR2-01	1 »	12V eller 24Vdc	900,-
CR2-02	1/2»	9-24Vdc eller 110-230Vac	800,-
CR2-02	3/4 »	9-24Vdc eller 110-230Vac	850,-
CR2-02	1 »	9-24Vdc eller 110-230Vac	900,-

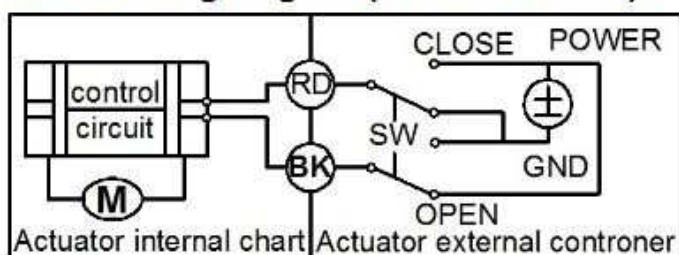
Alle priser eks.moms. For virkemåte for ventil/aktuator, se elektrisk skjema.



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## ELEKTRISK SKJEMA

### CR2 01 Wiring Diagram ( 2 wires control )



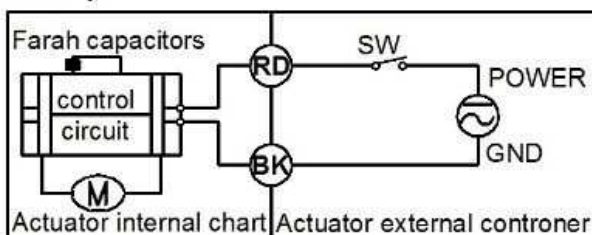
**-RD connect with positive, the BK connect with negative, the valve closed, the actuator automatically power off after in place , the valve remains fully closed position**

**-BK connect with positive, the RD connect with negative, the valve open, the actuator automatically power off after in place, the valve remains fully open position .**

12 V eller 24Vdc modell

Ventil/aktuator styres i åpen eller lukket posisjon

### CR2 02 Wiring Diagram ( 2 wires control - Spring return in case of the power failure)



**-When SW is closed , the valve open. the actuator automatically power off after in place**

**-When SW is open, the valve closed, the actuator automatically power off after in place**

9-24V dc og 110-230Vac modell

Ventil/aktuator åpner med spenning, er NC-normalt stengt.



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## PRISLISTE KULEVENTIL M/EL.AKTUATOR A100



Kuleventil med elektrisk aktuator, rustfri  
 ss304, aktuator A100 med indikering,  
 1,5m kabel  
 Tekn.data: se datasheet

Minst kjøp 10stk

Leveres med BSP eller NPT gjenger.

Maximum working pressure	1.0MPa
Circulation medium	Fluid, air
Rated voltage	AC/DC12-24/AC110-230V (Optional)
Wiring control methods	CR201/CR202/CR303/CR401/CR501/CR502/CR7-04 (Optional)
Static current	≤800mA
Open/close time	≤13S
Life time	70000 times
Valve Body material	304 Stainless steel
Actuator material	Engineering Plastics
Sealing material	EPDM & PTFE
Actuator rotation	90°
Max. torque force	10N.m
Cable Length	0.5m, 1.5m, (Optional)
Environment temperature	-15℃~50℃
Liquid temperature	2℃~90℃
Manual override	No
Indicator	Yes
Protection class	IP67

Wire diagram	Størrelse	Spenning	Pris
CR2-01	1»	12V eller 24Vdc	1100,-
CR2-01	1—1/4 »	12V eller 24Vdc	1200,-
CR2-01	1—1/2 »	12V eller 24Vdc	1300,-
CR2-02	1»	12-24Vdc eller 110-230Vac	1100,-
CR2-02	1—1/4 »	12-24Vdc eller 110-230Vac	1200,-
CR2-02	1—1/2 »	12-24Vdc eller 110-230Vac	1300,-

Alle priser eks.moms. For virkemåte for ventil/aktuator, se elektrisk skjema.



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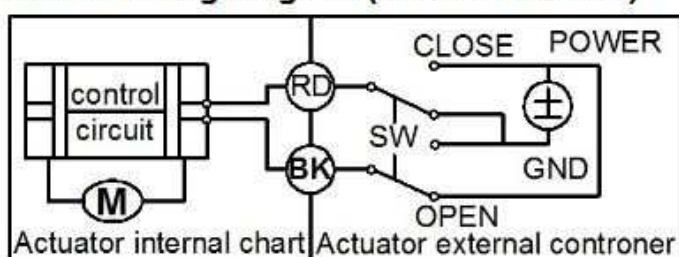
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## ELEKTRISK SKJEMA

### CR2 01 Wiring Diagram ( 2 wires control )



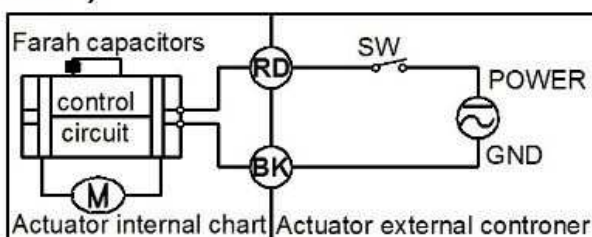
**-RD connect with positive, the BK connect with negative, the valve closed, the actuator automatically power off after in place , the valve remains fully closed position**

**-BK connect with positive, the RD connect with negative, the valve open, the actuator automatically power off after in place, the valve remains fully open position .**

12 V eller 24Vdc modell

Ventil/aktuator styres i åpen eller lukket posisjon

### CR2 02 Wiring Diagram ( 2 wires control - Spring return in case of the power failure)



**-When SW is closed , the valve open. the actuator automatically power off after in place**

**-When SW is open, the valve closed, the actuator automatically power off after in place**

12-24V dc og 110-230Vac modell

Ventil/aktuator åpner med spenning, er NC-normalt stengt.



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## PRISLISTE KULEVENTIL M/EL.AKTUATOR A150



Kuleventil med elektrisk aktuator, rustfri  
 ss304, aktuator A150 med indikering,  
 1,5m kabel  
 Tekn.data: se datasheet

Minst kjøp 5 stk

Leveres med BSP eller NPT gjenger.

### Technical Parameters

Valve size	NPT/BSP 1 1/4" 1 1/2" 2" (Optional)
Connection standard	ISO5211 F03, F04, F05
Output axis specification	male square or Female octagonal
Maximum working pressure	1.0MPa
Circulation medium	Fluid, air
Rated voltage	DC12V DC24V AC/DC9-24V DC9-35V AC110-230V (Optional)
Wiring diagram	CR201 CR202 CR303 CR305 CR501 CR502 (Optional)
Working current	≤500mA
Open/close time	≤15S
Life time	70000 times (testing pressure is 0.4MPa, medium is water)
Valve body material	SS304 SS316 (Optional)
Actuator material	Engineering Plastics PPO
Sealing material	FKM & PTFE
Actuator rotation	90°
Torque force	15 N.m
Cable Length	0.5m, 1.5m (Optional)
Environment temperature	-15℃~60℃
Liquid temperature	2℃~90℃
Manual operation	Yes
Open/close indicator	Yes
Protection class	IP67

Wire diagram	Størrelse	Spenning	Pris
CR2-01	1 –1/4»	12V eller 24Vdc	1475,-
CR2-01	1—1/2 »	12V eller 24Vdc	1525,-
CR2-01	2»	12V eller 24Vdc	1655,-
CR2-02	1 –1/4»	935Vdc eller 110-230Vac	1475,-
CR2-02	1—1/2 »	9-35Vdc eller 110-230Vac	1525,-
CR2-02	2»	9-35Vdc eller 110-230Vac	1655,-

Alle priser eks.moms. For virkemåte for ventil/aktuator, se elektrisk skjema.



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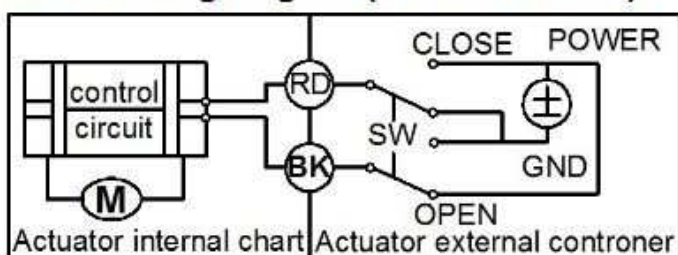
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## ELEKTRISK SKJEMA

### CR2 01 Wiring Diagram ( 2 wires control )



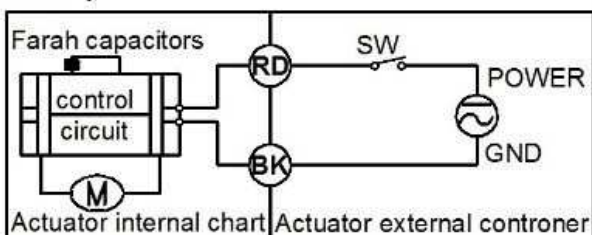
**-RD connect with positive, the BK connect with negative, the valve closed, the actuator automatically power off after in place , the valve remains fully closed position**

**-BK connect with positive, the RD connect with negative, the valve open, the actuator automatically power off after in place, the valve remains fully open position .**

12 V eller 24Vdc modell

Ventil/aktuator styres i åpen eller lukket posisjon

### CR2 02 Wiring Diagram ( 2 wires control - Spring return in case of the power failure)



**-When SW is closed , the valve open. the actuator automatically power off after in place**

**-When SW is open, the valve closed, the actuator automatically power off after in place**

9-35V dc og 110-230Vac modell

Ventil/aktuator åpner med spenning, er NC-normalt stengt.