

F.R.L.
F.R.
F (Filtr)
R (Reg)
L (Lub)
Drain Separ
Mech Press SW
Res press exh valve
SlowStart
Anti-bac/Bac- remove Filt
Film Resist FR
Oil-Prohr
Med Press FR
No Cu/ PTFE FRL
Outdrs FRL
Adapter Joiner
Press Gauge
CompFRL
LgFRL
PrecsR
VacF/R
Clean FR
ElecPneR
AirBoost
Speed Ctrl
Silncr
CheckV/ other
Fit/Tube
Nozzle
Air Unit
PrecsCompn
Electro Press SW
ContactSW
AirSens
PresSW Cool
Air Flo Sens/Ctrl
WaterRtSens
TotAirSys (Total Air)
TotAirSys (Gamma)
Gas generator
RefrDry
DesicDry
HiPolymDry
MainFiltr
Dischrg etc
Ending

Wiring method

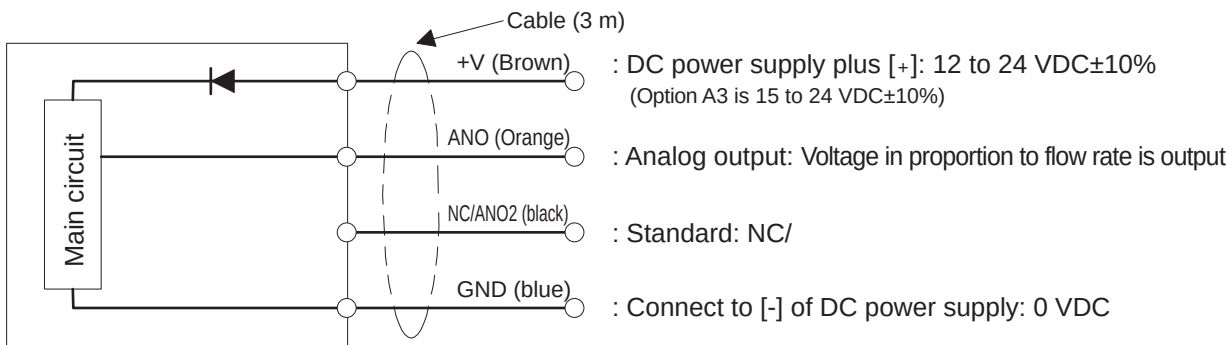
- Always read the safety precautions before wiring.
- 4-conductor cabtyre cable 0.2 mm² is used.
- Option

Sensor (analog output) Switch (switch output)

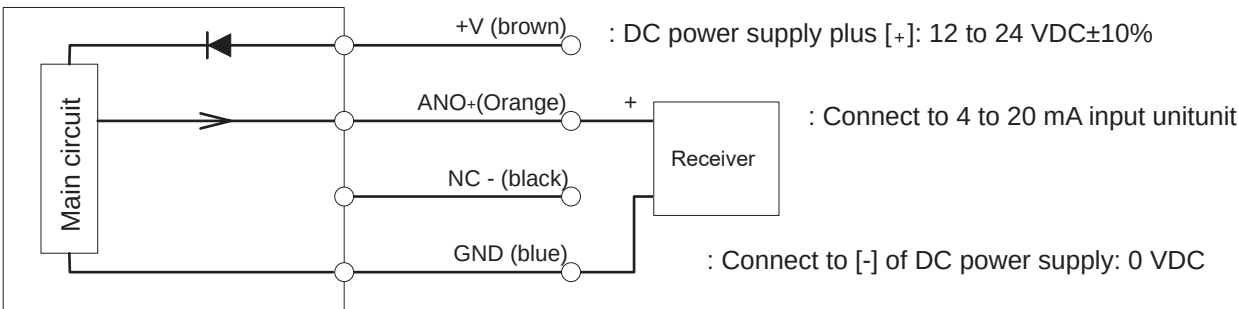
- A0; (0-5[V]) -N0; (NPN a-contact, 2 points)
- A1; (4-20[mA]) -N1; (NPN b-contact, 2 points)
- A2; (1-5[V]) -P0; (PNP a-contact, 2 points)
- A3; (0-10[V]) -P1; (PNP b-contact, 2 points)

* There is one point for sensor/switch alarm output.

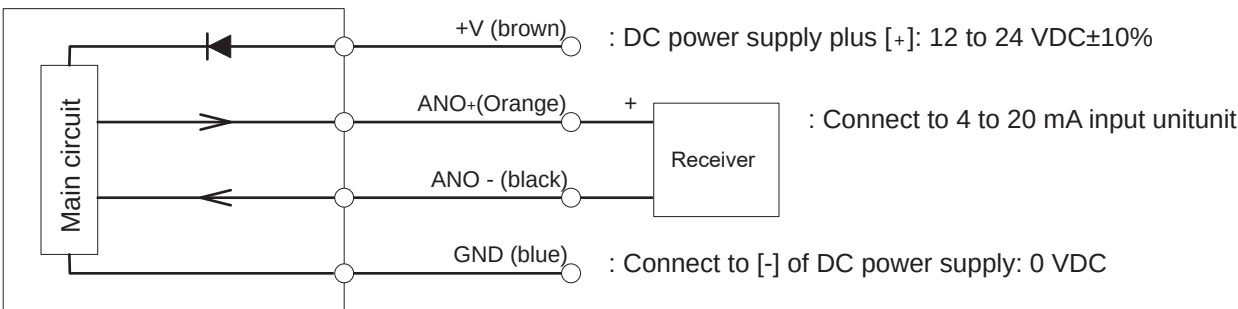
● WFK3***S (sensor voltage output: -A0/-A2/-A3)



● WFK3***S (sensor current output: -A1)



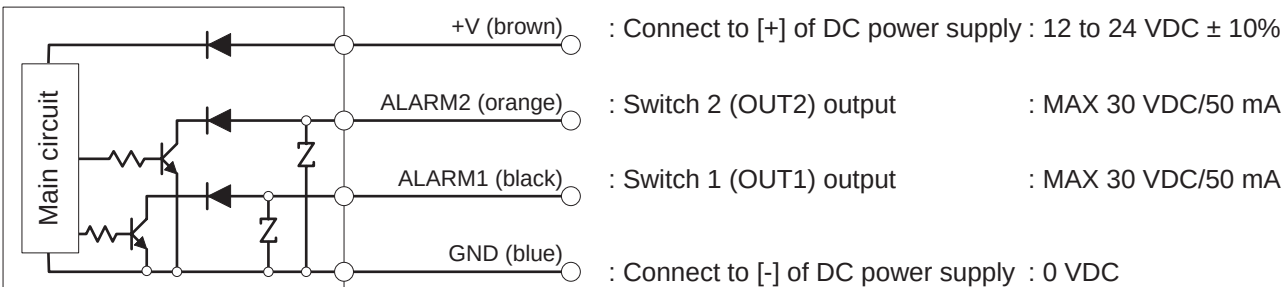
* For products purchased before February 2020 of WFK3004, 3012, 3032, the wiring method is as follows.



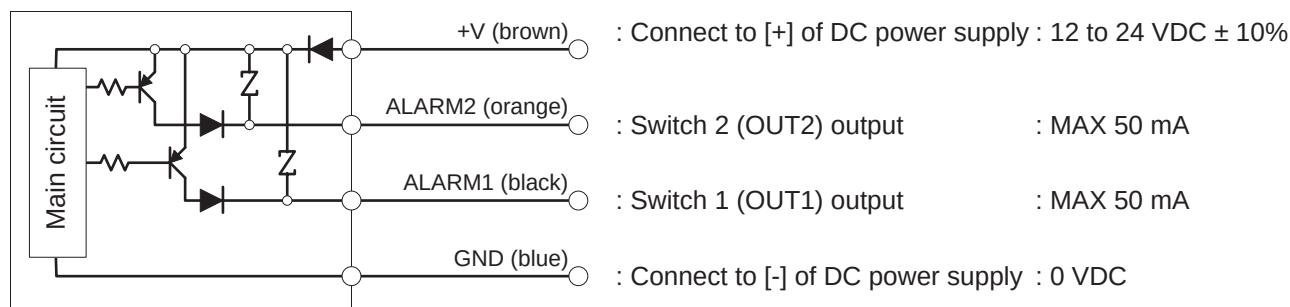
* Note

When connecting two or more flow rate sensors to the upper-level input circuit (receiver), carefully prevent signal interference.

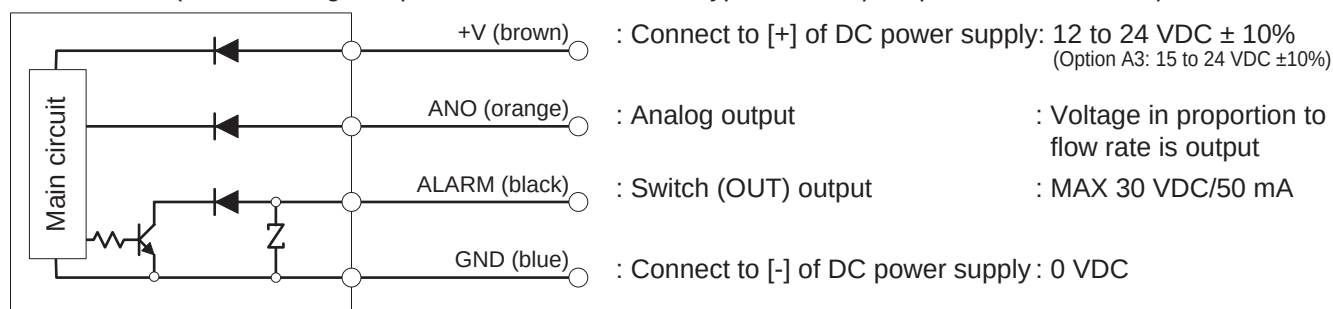
● WFK3***M (Switch NPN output: -N0/-N1)



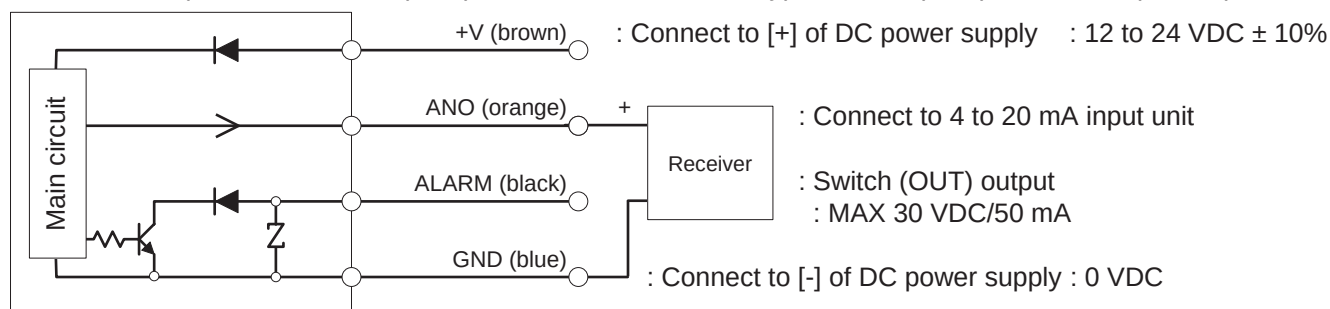
● WFK3***M (Switch PNP output: -P0, -P1)



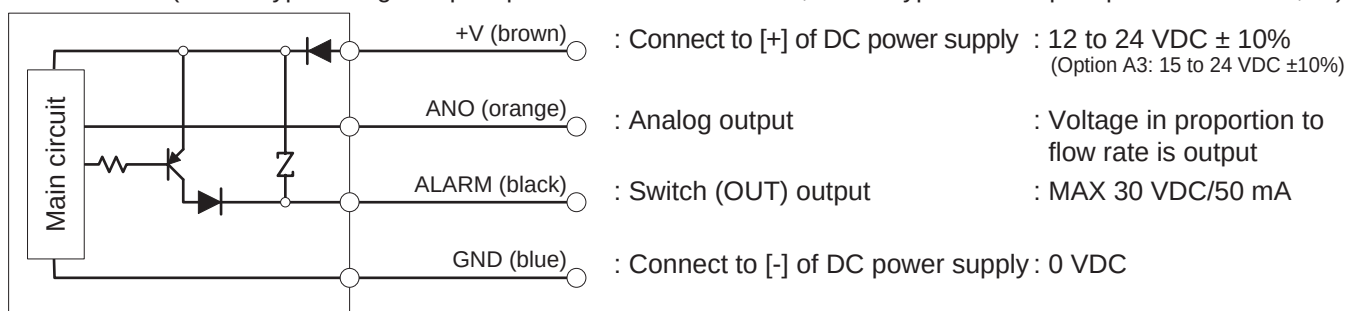
● WFK3***C (sensor voltage output: -A0, -A2, -A3, switch type NPN output specifications: N0/N1)



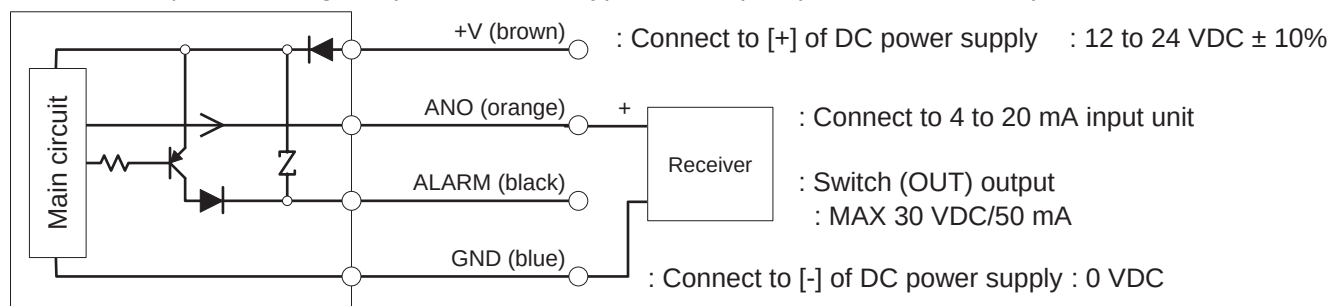
● WFK3***C (sensor current output specifications: -A1, switch type NPN output specifications (N0, N1)



● WFK3***C (sensor type voltage output specifications: -A0/-A2/-A3, switch type PNP output specifications: P0,P1)



● WFK3***C (sensor voltage output: -A1, switch type PNP output specifications: P0/P1)



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AirBoost
Speed Ctrl
Silncr
CheckV/ other
Fit/Tube
Nozzle
Air Unit
PrecsCompn
Electro Press SW
ContactSW
AirSens
PresSW Cool
Air Flo Sens/Ctrl
WaterRiSens
TotAirSys (Total Air)
TotAirSys (Gamma)
Gas generator
RefrDry
DesicDry
HiPolymDry
MainFiltr
Dischrg etc
Ending