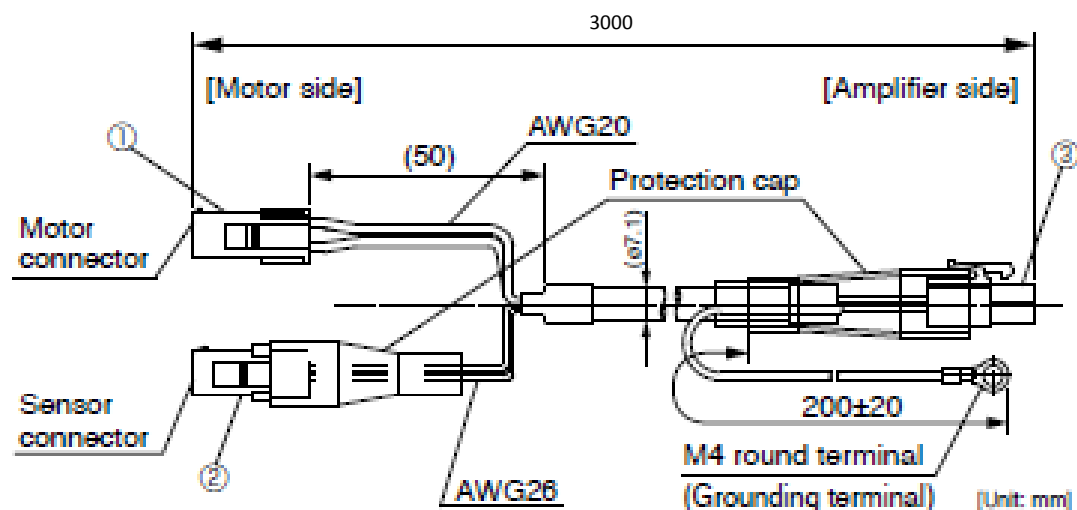


# Motor extension cable DV0PQ1000330 for MINAS BL series, KV type



① Motor side motor connector (Tyco Electronics.)

Connector : 172159-1

Connector pin : 170366-1 (for AWG 20)

② Motor side sensor connector (Molex Inc.)

Connector : 39-01-2066 (5559-06P-210)

Connector pin : 39-00-0049 (5558T2L) (for AWG 26)

③ Brushless amplifier side connector (Molex Inc.)

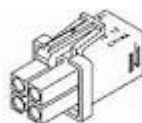
Connector : 39-01-2085 (5557-08R-210)

Connector pin : 39-00-0039 (5556TL) (for AWG 20)

39-00-0047 (5556T2L) (for AWG 26)

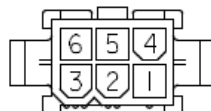
## • Motor connector

Pin No.	Signal	Wire color
1	U	Red
2	V	White
3	W	Black
4	E	Green/Yellow



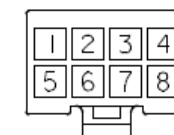
## • Sensor connector

Pin No.	Signal	Wire color
1	CS1	Red
2	CS2	Blue
3	CS3	Yellow
4	Vcc	White
5	0V	Black
6	NC	—



## <Connector wiring of amplifier side>

Pin No.	Signal	Wire color	Wire size
1	U	Red	AWG20
2	V	White	AWG20
3	W	Black	AWG20
4	Vcc	White	AWG26
5	CS1	Red	AWG26
6	CS2	Blue	AWG26
7	CS3	Yellow	AWG26
8	0V	Black	AWG26
M4 round terminal	E	Green/Yellow	AWG20



The shielded wire is used for wiring to the sensor connector. Please do not ground the shield, in order to prevent malfunction or failure.