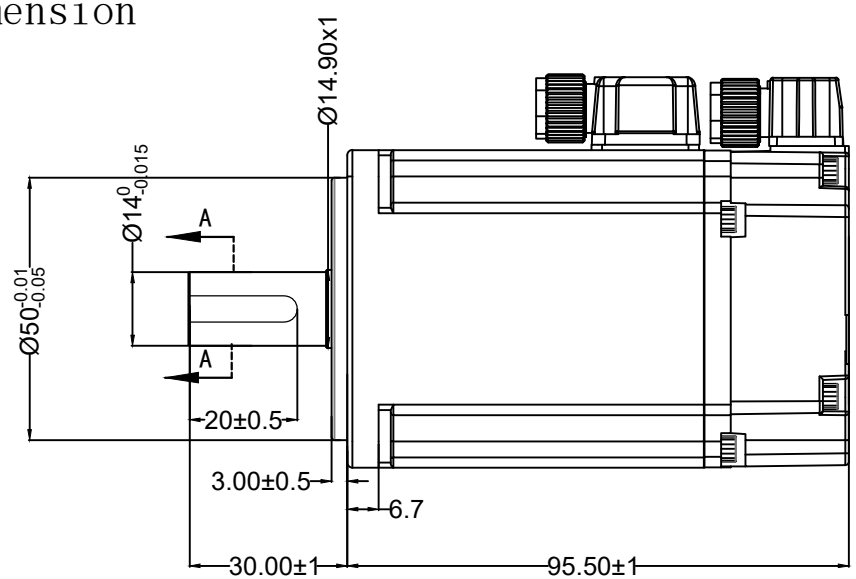
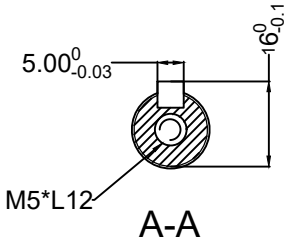
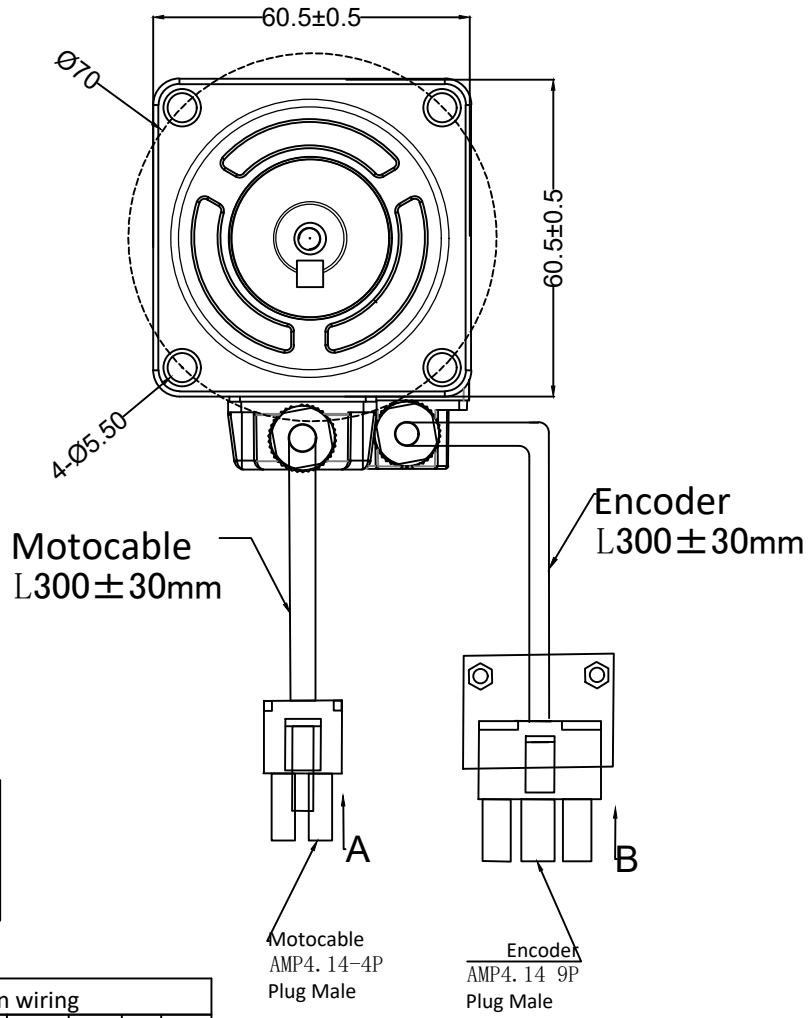
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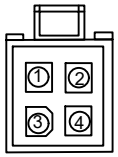






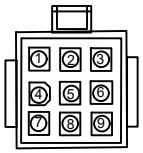
Wiring Diagram

A



Motocable connection			
1	2	3	4
U	V	W	PE
Red	Yellow	Blue	Yellow/Green

B



Encoder connection wiring								
1	2	3	4	5	6	7	8	9
PE			485-	GND	485+	VCC		
shielded wire			Green	White	Yellow	Red		

Specification

Rated Voltage	48VDC	Line-line Resistance	0.33Ω
Rated Power	400W	Phase Q-axis Inductance	0.3mh
Rated Current	12A	Phase D-axis Inductance	0.27mh
Rated RPM	3000rpm	Pole-pairs	5
Rated Torque	1.27N.m	Encoder	17bit
Peak RPM	3500rpm	Rotor Inertia	$1.56X10^{-4}Kg.m^2$
Max Momentary Current	36A	Withstand Voltage	1500V 5s
Max Momentary Torque	3.81N.m	Insulation Resistance	500V ≥20MΩ
Torque Coefficient	0.11	Protection grade	IP65
Counter electromotive force(U)	6.9(V/1000r/m)	Motor Insulation Class	F
Ambient Temperature	-20°C-50°C	Weight	1.12kg

版本号	标记	更改内容	日期
	※		
设 计		日 期	2026-8-4
审 核		日 期	
校 核		日 期	
批 准		日 期	

RT DV400

60BLSF-S04030-B055Z-Z0.3(RYS)