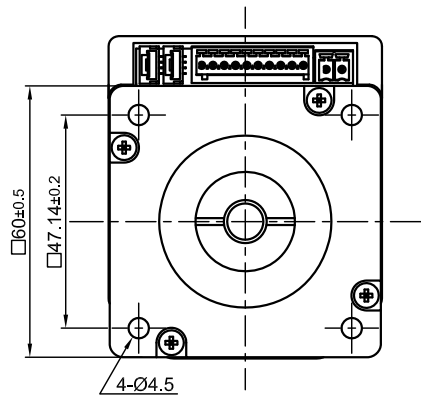
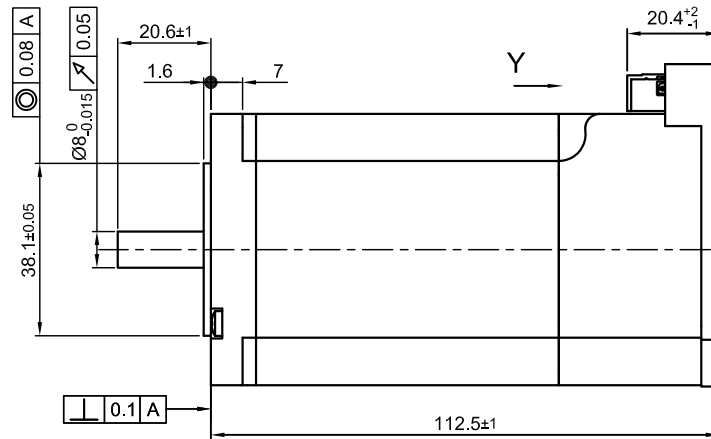


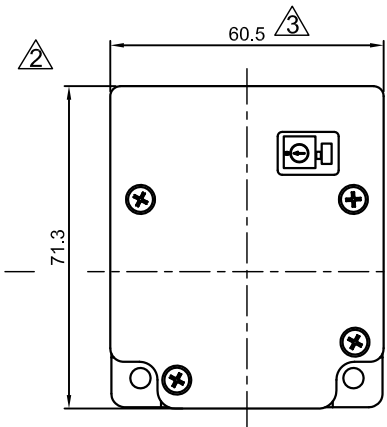
Front view and mounting



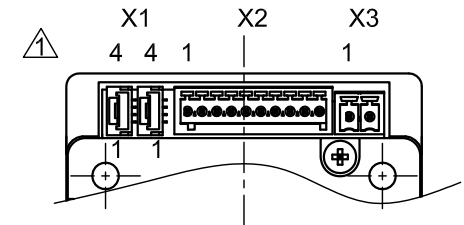
Side view



Rear view



Y view



CONNECTION		SPECIFICATION		BIPOLAR 3		PERMISSIBLE RADIAL+AXIAL FORCE				X1, JST GH-4		X2, Phoenix MCV-10							
VOLTAGE (VDC)				12 TO 48				ROTOR SPRING-MOUNTED IN AXIAL DIRECTION SPRING WASHER BEARING Fr Fa a				PIN No.		Function 1		PIN No.		Function	
AMPS/PHASE(A)				4.2								1		+UB_LOGIC(24V)		1		GND	
HOLDING TORQUE (Nm) [lb-in]				3.54 [31.29]								2		CAN+		2		Analog input (0-10V)	
DETENT TORQUE (Nm) [lb-in]				0.075 [0.664]								3		CAN-		3		+12V (Voltage Output, max.100mA)	
STEP ANGLE (°)±ACCURACY				1.8±5% TO MICROSTEP								4		GND		4		Output1 (open drain)	
WEIGHT (Kg) [lb]				1.4[3.09]										5		Output2 (open drain)			
												X3, Phoenix FMC-02				6		Input1 (+5/+24V)	
												PIN No.		Function		7		Input2 (+5/+24V)	
												1		+VCC(12-48V)		8		Input3 (+5/+24V)	
												2		GND		9		Input4 (+5/+24V)	
																10		GND	
OVERTEMPERATURE PROTECTION (ELECTRONICS): 75°C 3						AXIAL-FORCE Fa (N)		Fa=15											
AMBIENT TEMPERATURE -10°~ 50°C [14°F ~ 122°F] (HIGHER TEMPERATURE REDUCES DUTY CYCLE)						DISTANCE a (mm)		20											
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)						RADIAL-FORCE Fr (N)		52											
INSULATION CLASS B 130° [266°F]										AXIAL		RADIAL							
DIELECTRIC STRENGTH 500VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)						SHAFT PLAY (mm)		0.2Max		0.02									
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)						AT LOAD MAX: (N)		200		4.5									
03	REWORK DRAW/CHANGE TOLERANCE	04.07.16	GYQ	Yanlanmc[®] For smarter equip				APVD	G.M.	08.08.13	PLUG&DRIVE MOTOR								
02	TOLERANCE OF CONNECTOR LENGTH	28.01.14	GYQ					CHKD											
01	EXCHANGE JST PIN1, PIN4	08.01.14	GYQ					DRN	GYQ	08.08.13									
REV	DESCRIPTION	DATE	APVD	Surface specification DIN ISO 1302	General tolerances DIN ISO 2768-cH	Work piece edge DIN ISO 13715	SIGNATURE		DATE		DWG.NO PD4-C6018L4204-E-08-CYL								

X1, JST GH-4	
PIN No.	Function 1
1	+UB_LOGIC(24V)
2	CAN+
3	CAN-
4	GND

X3, Phoenix FMC-02	
PIN No.	Function
1	+VCC(12-48V)
2	GND

X2, Phoenix MCV-10	
PIN No.	Function
1	GND
2	Analog input (0-10V)
3	+12V (Voltage Output, max.100mA)
4	Output1 (open drain)
5	Output2 (open drain)
6	Input1 (+5/+24V)
7	Input2 (+5/+24V)
8	Input3 (+5/+24V)
9	Input4 (+5/+24V)
10	GND