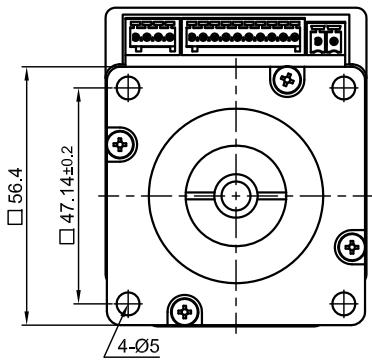
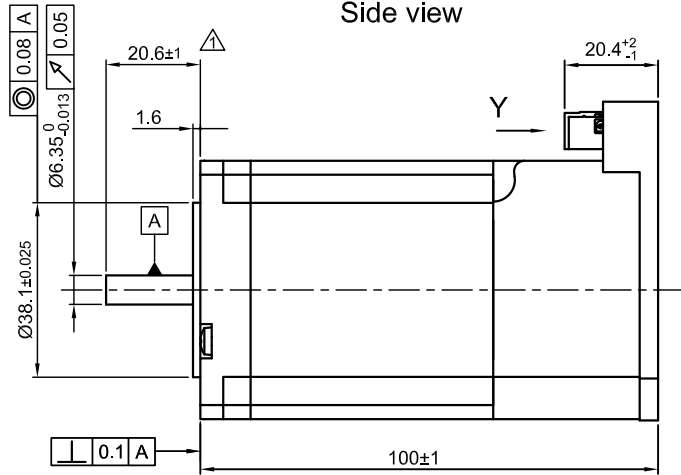


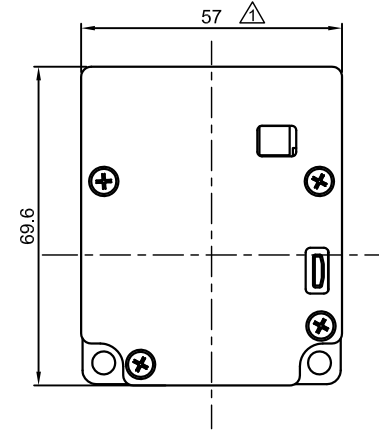
Front view and mounting



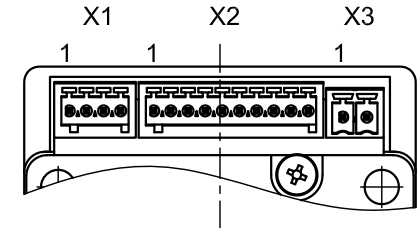
Side view



Rear view



Y view



CONNECTION		SPECIFICATION											
BIPOLAR \triangle		VOLTAGE (VDC)											
		12 TO 48											
		AMPS/PHASE(A)											
		4.2											
		HOLDING TORQUE (Nm) [lb-in]											
		1.87 [16.55] \triangle											
		DETENT TORQUE (Nm) [lb-in]											
		0.068 [0.602]											
		STEP ANGLE (°)±ACCURACY											
		1.8±5% TO MICROSTEP											
		WEIGHT (Kg) [lb]											
		1.1[2.43]											
OVERTEMPERATURE PROTECTION (ELECTRONICS): 75°C \triangle													
AMBIENT TEMPERATURE -10°~ 50°C [14°F ~ 122°F] (HIGHER TEMPERATURE REDUCES DUTY CYCLE)													
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)													
INSULATION CLASS B 130° [266°F]													
DIELECTRIC STRENGTH 500VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)													
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)													
PERMISSIBLE RADIAL+AXIAL FORCE		X1, Phoenix MCV-04											
ROTOR SPRING-MOUNTED IN AXIAL DIRECTION		X2, Phoenix MCV-10											
		<table border="1"> <thead> <tr> <th>PIN No.</th> <th>Function</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>GND</td> </tr> <tr> <td>2</td> <td>Analog Input(0-10V)</td> </tr> <tr> <td>3</td> <td>Output (open drain)</td> </tr> <tr> <td>4</td> <td>+12V (Voltage Output, max.100mA)</td> </tr> </tbody> </table>		PIN No.	Function	1	GND	2	Analog Input(0-10V)	3	Output (open drain)	4	+12V (Voltage Output, max.100mA)
PIN No.	Function												
1	GND												
2	Analog Input(0-10V)												
3	Output (open drain)												
4	+12V (Voltage Output, max.100mA)												
AXIAL-FORCE Fa (N)		X3, Phoenix FMC-02											
Fa=15		<table border="1"> <thead> <tr> <th>PIN No.</th> <th>Function</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>+VCC(12-48V)</td> </tr> <tr> <td>2</td> <td>GND</td> </tr> </tbody> </table>		PIN No.	Function	1	+VCC(12-48V)	2	GND				
PIN No.	Function												
1	+VCC(12-48V)												
2	GND												
DISTANCE a (mm)		20											
RADIAL-FORCE Fr (N)		52											
		AXIAL											
		RADIAL											
SHAFT PLAY (mm)		0.2Max											
AT LOAD MAX: (N)		200											
		4.5											

REV	DESCRIPTION	DATE	DRN	 PLUG & DRIVE			APVD	G.M.	16.05.14	PLUG&DRIVE MOTOR DWG.NO PD4-C5918L4204-E-01
2	NEW HOLDING TORQUE	11.10.16	GYQ	Surface specification DIN ISO 1302	General tolerances DIN ISO 2768-cH	Work piece edge DIN ISO 13715	CHKD			
1	REWORK DRAW/CHANGE TOLERANCE	04.07.16	GYQ				DRN	GYQ	16.05.14	
							SIGNATURE	DATE		