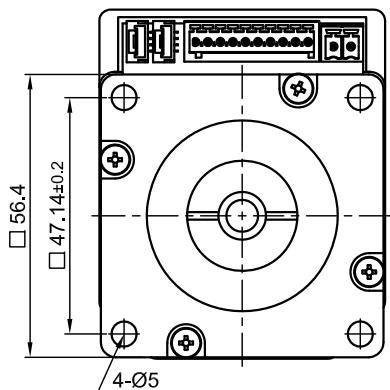
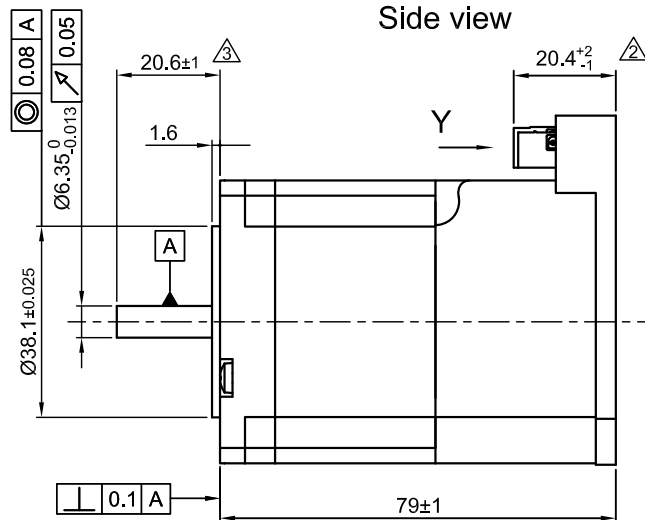


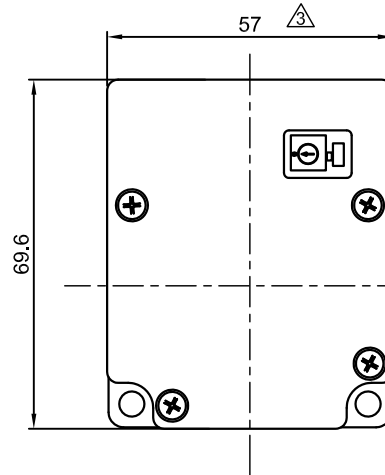
Front view and mounting



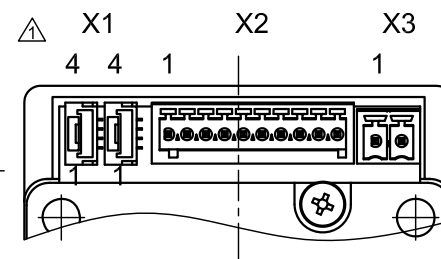
Side view



Rear view



Y view



CONNECTION		BIPOLAR		PERMISSIBLE RADIAL+AXIAL FORCE																																																											
SPECIFICATION																																																															
VOLTAGE (VDC)	12 TO 48			<table border="1"> <tr> <th colspan="2">X1, JST GH-4</th> <th colspan="2">X2, Phoenix MCV-10</th> </tr> <tr> <th>PIN No.</th> <th>Function</th> <th>PIN No.</th> <th>Function</th> </tr> <tr> <td>1</td> <td>+UB_LOGIC(24V)</td> <td>1</td> <td>GND</td> </tr> <tr> <td>2</td> <td>CAN+</td> <td>2</td> <td>Analog input (0-10V)</td> </tr> <tr> <td>3</td> <td>CAN-</td> <td>3</td> <td>+12V (Voltage Output, max.100mA)</td> </tr> <tr> <td>4</td> <td>GND</td> <td>4</td> <td>Output1 (open drain)</td> </tr> <tr> <td colspan="4">X3, Phoenix FMC-02</td> </tr> <tr> <th>PIN No.</th> <th>Function</th> <th>PIN No.</th> <th>Function</th> </tr> <tr> <td>1</td> <td>+VCC(12-48V)</td> <td>5</td> <td>Output2 (open drain)</td> </tr> <tr> <td>2</td> <td>GND</td> <td>6</td> <td>Input1 (+5/+24V)</td> </tr> <tr> <td></td> <td></td> <td>7</td> <td>Input2 (+5/+24V)</td> </tr> <tr> <td></td> <td></td> <td>8</td> <td>Input3 (+5/+24V)</td> </tr> <tr> <td></td> <td></td> <td>9</td> <td>Input4 (+5/+24V)</td> </tr> <tr> <td></td> <td></td> <td>10</td> <td>GND</td> </tr> </table>				X1, JST GH-4		X2, Phoenix MCV-10		PIN No.	Function	PIN No.	Function	1	+UB_LOGIC(24V)	1	GND	2	CAN+	2	Analog input (0-10V)	3	CAN-	3	+12V (Voltage Output, max.100mA)	4	GND	4	Output1 (open drain)	X3, Phoenix FMC-02				PIN No.	Function	PIN No.	Function	1	+VCC(12-48V)	5	Output2 (open drain)	2	GND	6	Input1 (+5/+24V)			7	Input2 (+5/+24V)			8	Input3 (+5/+24V)			9	Input4 (+5/+24V)			10	GND
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HOLDING TORQUE (Nm) [lb-in]	1.24 [10.98]																																																														
DETENT TORQUE (Nm) [lb-in]	0.04 [0.354]																																																														
STEP ANGLE (°)±ACCURACY	1.8±5% TO MICROSTEP																																																														
WEIGHT (Kg) [lb]	0.91 [2.01]																																																														
OVERTEMPERATURE PROTECTION (ELECTRONICS): 75°C																																																															
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)																																																															
04	NEW HOLDING TORQUE	11.10.16	GYQ			APVD	G.M.	06.08.13	PLUG&DRIVE MOTOR																																																						
03	REWORK DRAW/CHANGE TOLERANCE	01.07.16	GYQ			CHKD																																																									
02	TOLERANCE OF CONNECTOR LENGTH	28.01.14	GYQ	Surface specification DIN ISO 1302	General tolerances DIN ISO 2768-cH	Work piece edge DIN ISO 13715	DRN	GYQ	06.08.13	DWG.NO																																																					
REV	DESCRIPTION	DATE	APVD				SIGNATURE	DATE		PD4-C5918M4204-E-08																																																					