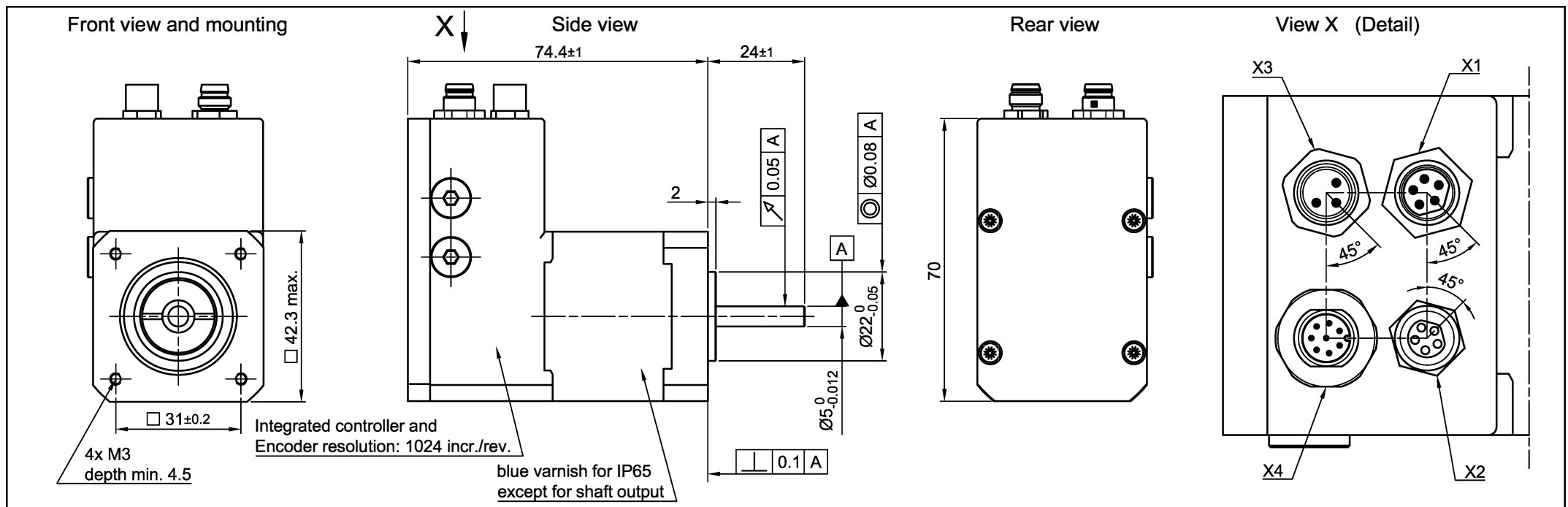




SPECIFICATION		CONNECTION	BIPOLAR	INPUT CONNECTION		PERMISSIBLE RADIAL+AXIAL FORCE			X1 CANopen IN (M8, 5-Pole, B-coding, male)			X2 CANopen OUT (M8, 5-Pole, B-coding, female)															
VOLTAGE (VDC)		12 TO 48		+5V/24V		GND		ROTOR SPRING-MOUNTED IN AXIAL DIRECTION			Pin No.		Function		Pin No.		Function										
AMPS/PHASE		1.8A		max. 24V/0.1A		GND		Fr			1		+UB Logic (24V)		1		+UB Logic (24V)										
HOLDING TORQUE (Nm) [lb-in]		0.5 [4.425]		Out		GND		Fa			2		CAN_SHLD		2		CAN_SHLD										
DETENT TORQUE (Nm) [lb-in]		0.022 [0.195]		PD2 - C		GND		a			3		CAN+		3		CAN+										
STEP ANGLE (°) ± ACCURACY		1.8±5% TO MICROSTEP		PD2 - C		GND					4		CAN-		4		CAN-										
WEIGHT (Kg) [lb]		0.5 [1.1]									5		GND		5		GND										
OVERTEMPERATURE PROTECTION (ELECTRONICS): 75°C				AXIAL-FORCE Fa (N)				Fa=7		X3 Power (M8, 3-Pole, A-coding, male)				X4 IO (M8, 8-Pole, A-coding, male)													
AMBIENT TEMPERATURE -10~ 50°C [14°F ~ 122°F]				DISTANCE a (mm)				20		Pin No.				Function		Pin No.				Function							
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)				RADIAL-FORCE Fr (N)				20		1				+UB (12-48V)		1				GND							
INSULATION CLASS B 130° [266°F]								AXIAL		RADIAL		3				GND		2				Analog Input (0-10V/0-20mA)					
DIELECTRIC STRENGTH 500VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)				SHAFT PLAY (mm)				0.1		0.02		4				N.C.		3				Output 1 (open drain)					
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)				AT LOAD MAX: (N)				30		4.5										4				Output 2 (open drain)			
																				5				Input 1 (5V/24V)			
																				6				Input 2 (5V/24V)			
																				7				Input 3 (5V/24V)			
																				8				Input 4 (5V/24V)			