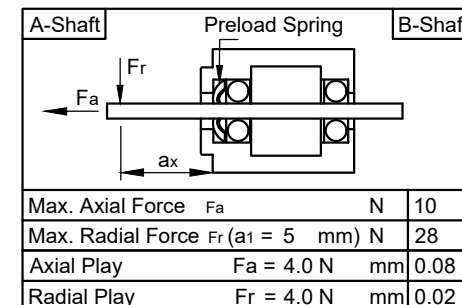


NME3-UVW-W06-05-C

X1 MOTOR	
M12 / 4-Pole / L-Coding / male	
Pin No.	Function
1	A\
2	A
3	B
4	B\
cable shield on housing	

X2 ENCODER	
M12 / 8-Pole / A-Coding / male	
Pin No.	Function
1	A
2	A\
3	B
4	B\
5	GND
6	I\
7	I
8	+UB
cable shield on housing	



In addition to this datasheet the documentation of all components mentioned with part number is applicable and has to be considered							
ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715	Weight: ±10% 3.8 kg			
				Date	Name		
				Drawn	22.04.2024	Kolev_I	
				Reviewed	07.05.2024	Sejdini_B	
				Released	07.05.2024	Sejdini_B	
REV	Rev. Text	Name	Date				
				20002416		A4 Page 1	
				State: Released		Rev: 00	
				CONFIDENTIAL			

ENCODER SPECIFICATION		
Operating Voltage	±10% V DC	5
Resolution	cpr	4096
Resolution (cpr with quadrature)	ppr	16384
No. of Channels		3
Interface	UVW	
Signal Type	incremental	
Index / Line Driver	yes / yes	
see Datasheet Encoder for more Details		

MOTOR SPECIFICATION		
Nominal Operating Voltage	V DC	48
Max. Operating Voltage	V DC	60
Current per Winding	A	9.5
Resistance per Phase (25°C)	±15% Ω	0.26
Inductance per Phase (1 kHz)	±20% mH	2.4
Holding Torque	Nm	9.3
Step Angle	±5% °	1.8
Rotor Inertia	kg m ²	300 x10 ⁻⁶

GENERAL MOTOR SPECIFICATION		
Ambient Temperature	°C	-10 ... 50
Max. Ambient Humidity (non condensing)	%	85
Protection Class (except shaft outlet)	IP65	
Protection Class (shaft outlet)	IP54	