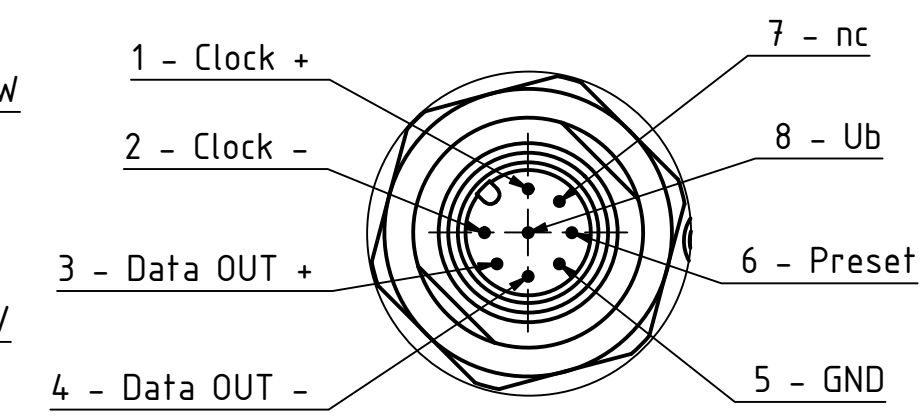
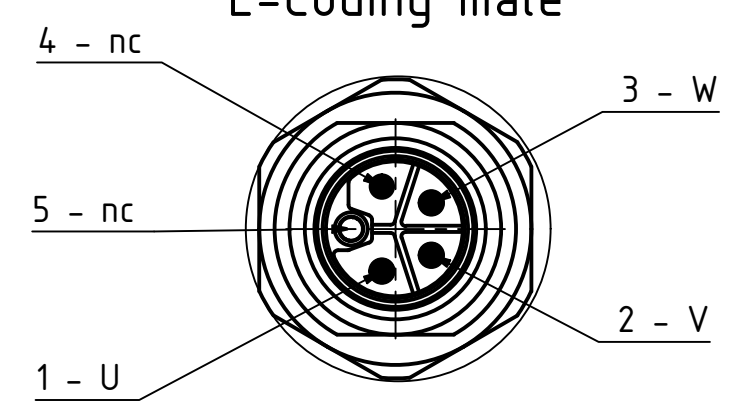


Scale 1:1

X1
M12/ 5-Pole
L-Coding male

X2
M12/ 8-Pole
A-Coding male



Missing dimensions see in Step File

		12	15	21	26
System	WD14030-42xx-50-E4				
	Output Torque - Rated / Max.	Nm	4.88 / 14.64	6.41 / 19.23	8.56 / 25.68
	Speed Rated	m/s	2.2	1.7	1.2
	Load Capacity	kg	200		
	Inertia (on motor shaft)	kg m ² x 10 ⁻⁶	34.1	29.3	26.2
	Protection Class		IP54		
Motor	Rated Voltage	V DC	48		
	Current - Rated / Peak	A	5.9 / 17.7		5.9 / 14.6
	Speed Rated	rpm	3500		
	No. of Poles		20		
Mechanical	Gearbox Reduction Ratio		11.76 (576/49)	15.45 (12996/841)	20.64 (1197/58)
	Mechanical Efficiency	%	~83		
	Backlash Max.	°	1		
	Wheel Material		Vulkollan 92 Shore A		
Encoder	Operating Voltage	V DC	9 ... 30		
	Resolution	bit	17		
	Interface		absolute		
	Ambient Temperature	°C	-15 ... +40		
	Ambient Humidity Max. (non condensing)	%	85		

ISO 8015	ISO 1302	ISO 2768 c	01	ISO 13715	Material:	Weight: ~1.7 kg	
			Date	Name	WD14030-42xx-50-E4		
			Drawn	07.06.2023			Kaiming_C
			Reviewed	02.11.2023			Kolev_I
			Released	02.11.2023	Kolev_I		
01	Drawing Standard changed	Kaiming_C	30.01.2026	20002005		Scale: 1 : 2	
REV	Rev. Text	Name	Date	State: Released		A3 Page 1	
				Rev: 01		CONFIDENTIAL	

