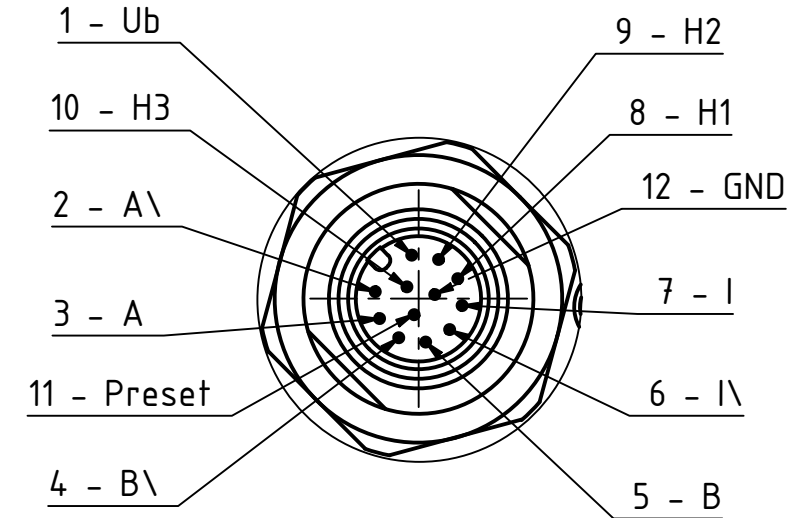
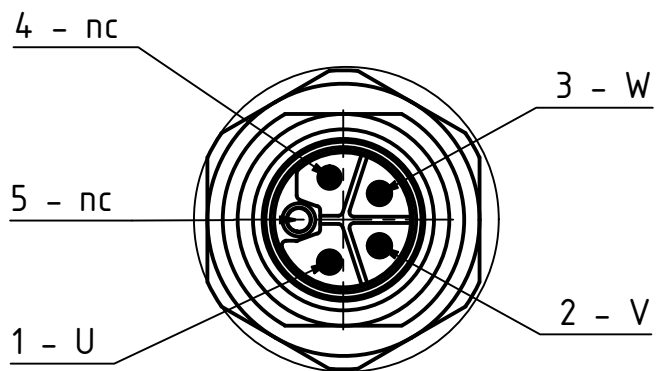


X1  
M12/ 5-Pole  
L-Coding male

X2  
M12/ 12-Pole  
A-Coding male



Missing dimensions see in Step File

		12	15	21	26	
System	WD12530-42xx-50-E3					
	Output Torque - Rated / Max.	Nm	4.88 / 14.64	6.41 / 19.23	8.56 / 25.68	10.63 / 26.28
	Speed Rated	m/s	1.9	1.5	1.1	0.9
	Load Capacity	kg	200			
	Inertia (on motor shaft)	kg m <sup>2</sup> x 10 <sup>-5</sup>	30.4	27.1	25.0	24.1
Motor	Protection Class	IP54				
	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)	25.62 (333/13)
	Mechanical Efficiency	%	~83			
	Backlash Max.	°	<1			
Encoder	Wheel Material		Vulkollan 92 Shore A			
	Operating Voltage	V DC	5			
	Resolution	cpr / ppr	4096 / 16384			
	Interface		incremental			
Envir	Ambient Temperature	°C	-15 ... +40			
	Ambient Humidity Max. (non condensing)	%	85			

ISO 8015	ISO 1302	ISO 2768 mK	ISO 13715	Material:	Weight: ~1.7 kg
			Date	WD12530-42xx-50-E3	
			Name		
			Drawn	27.10.2023 Kaiming_C	
			Reviewed	02.11.2023 Kolev_I	
			Released	02.11.2023 Kolev_I	
00				20002143	Scale: 1 : 2
REV	Rev. Text	Name	Date	State: Released	A3 Page 1
				Rev: 00	CONFIDENTIAL

