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Macros

Eric Sapiens

Bill of Materials

ID	Sensor	Model Number	Count	Description	Link
1	Keyence Laser Scanner	LJ+AC0-V7000	2	Line laser for scanning parts	None
2	ATI Toolchanger	QC+AC0-150	2	Toolchanger for swapping flange+AC0-mounted tools	None
2.1	ATI Sensor Interface Plate System	SIP	2	ATI Toolchanger package for sensing lock +ACY- unlock	None
3	Sunrise Instruments Load Cell	M4347D	2	Load Cell for sensing force	None
3.1	Sunrise Instruments Control Box	M8128	2	Control box for load cell	None
4	NITRA Pneumatic Solenoid Valve	AVS+AC0-5322+AC0-24D	4	+ACI-1 for spindle air cooling	1 for toolchange+ACI-
5	NITRA Fluid Solenoid Valve	DVP+AC0-2CC1C+AC0-24D	2	1 for spindle coolant line	https://www.automat
6	Hydraulic Valve	RPE3+AC0-063Z11+AC0-02400E1	2	+ACI-1 for hydraulic clamp set A	1 for clamp set B+AC
7	Gems Pressure Switch	3600W40CPGG02E0	4	+ACI-2 for hydraulic clamp set A	2 for clamp set B+AC
8	Vevor Hydraulic Pump	ZZCXU0031361544148216	1	Hydraulic power for sheet clamping frame	https://www.ebay.co