

provided list

ID	Sensor	Model Number	Cnt	Description	Link	Documentation	
1	Keyence Laser Scanner	LJ+AC0-V7000	2	Line laser for scanning parts	None	Yes	
2	ATI Toolchanger	QC+AC0-150	2	Toolchanger for swapping flange+AC0-mounted tools	None	Yes	
2.1	ATI Sensor Interface Plate System	SIP	2	ATI Toolchanger package for sensing lock +ACY- unlock	None	Yes	
3	Sunrise Instruments Load Cell	M4347D	2	Load Cell for sensing force	None	Yes	
3.1	Sunrise Instruments Control Box	M8128	2	Control box for load cell	None	Yes	
4	NITRA Pneumatic Solenoid Valve	AVS+AC0-5322+AC0-24D	4	+ACI-1 for spindle air cooling	1 for toolchange+ACI-	<a href="#">documentation</a>	No
5	NITRA Fluid Solenoid Valve	DVP+AC0-2CC1C+AC0-24D	2	1 for spindle coolant line	<a href="#">link</a>	No	
6	Hydraulic Valve	RPE3+AC0-063Z11+AC0-02400E1	2	+ACI-1 for hydraulic clamp set A	1 for clamp set B+ACI-	<a href="#">documentation</a>	No
7	Gems Pressure Switch	3600W40CPGG02E0	4	+ACI-2 for hydraulic clamp set A	2 for clamp set B+ACI-	None	Yes
8	Vevor Hydraulic Pump	ZZCXU0031361544148216	1	Hydraulic power for sheet clamping frame	<a href="#">link</a>	No	

list items

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ZONE 1					
9	Cell PLC	CX2030	1	Mid level PLC	<a href="#">Beckhoff CX2030</a>
10	Power Supply	CX2100-0014	1	Power supply for CX20xx, 130W 8-ch digital input	<a href="#">Beckhoff CX2100</a>
11	Safety Card	EL1918	1	TwinSAFE, TwinSAFE Logic	<a href="#">Beckhoff EL1918</a>
12	Ethercat Junction	EK1122-0008	1	2-port Ethercat Junction M8	<a href="#">Beckhoff EK1122</a>
13	End Cap	EL9011	1	bus terminal end cap	<a href="#">Beckhoff EL9011</a>