NEXIA SERIES USER INPUT / OUTPUT INFORMATION : NEXIA-HYNC-700

ROBOT VALVE OPERATION

INPUT INFORMATION				OUTPUT INFORMATION		
NO.	INPUT NAME	FOR N.A.L		NO.	OUTPUT NAME	FOR N.A.L
X000	SUCTION CONFIRM 1	STANDARD VACUUM		Y000	MAIN SUCTION 1	STANDARD VACUUM
X002	CHUCKING CONFIRM 1	CHUCKING 1		Y002	CHUCK 1	CHUCKING 1
X005	MAIN GRIPPER CONFIRM	CHUCKING 2		Y005	MAIN GRIPPER	CHUCKING 2
X008	USER INPUT 5	VACUUM 2				
X009	USER INPUT 6	CHUCKING 3		Y007	USER OUTPUT 5	VACUUM 2
X010	USER INPUT 7	CHUCKING 4		Y008	USER OUTPUT 6	CHUCKING 3
X011	USER INPUT 8	OPEN TO USER		Y009	USER OUTPUT 7	CHUCKING 4
X024	OBSTACLE			Y010	USER OUTPUT 8	OPEN TO USER
				Y021	MULTI RELEASE 2	
				Y022	MULTI RELEASE 3	
				Y023	MULTI RELEASE 4	
				Y024	SPARE OUTPUT 1	OPEN TO USER
				Y025	SPARE OUTPUT 2	OPEN TO USER
				Y026	SPARE OUTPUT 3	OPEN TO USER
				Y027	SPARE OUTPUT 4	OPEN TO USER

FOR SECONDARY AUTOMATION.

NO	INPUT NAME	FOR N.A.L		NO.	OUTPUT NAME	FOR N.A.L
X100	STACK READY	ROBOT START STACK		Y100	STACK FINISHED	FOR STACKING
X101	INSERT READY	ROBOT START GRIP INSERT		Y101	EOAT INSERT GRIP	FOR INSERT AUTOMATION
X102	INSERT SAFETY	ROBOT DOWN TO GRIP INSERT		Y102	ROBOT IN AUTO	TO PLC (ROBOT IN AUTO)
X103	REJECT	ROBOT SEPARATE PARTS		Y103	SPECIAL INSERT START	
X104	USER INPUT 1	OPEN TO USER		Y104	USER OUTPUT 1	OPEN TO USER
X105	USER INPUT 2	OPEN TO USER		Y105	USER OUTPUT 2	OPEN TO USER
X106	USER INPUT 3	OPEN TO USER		Y106	USER OUTPUT 3	OPEN TO USER
X107	USER INPUT 4	OPEN TO USER		Y107	USER OUTPUT 4	OPEN TO USER

ROBOT AND IMM INTERFACE

NO	INPUT NAME			NO.	OUTPUT NAME	
X300	MOLD CLOSED			Y203	EJECTOR BACK START	
X301	MOLD OPEN			Y300	CONVEYOR	CONVEYOR START
X302	SAFETY DOOR			Y301	IMM CYCLE START	
X303	FULL AUTO			Y302	MOLD OPEN PERMIT	
X304	EJECTOR BACK			Y303	MOLD CLOSED PERMIT	
X305	EJECTOR FORWARD			Y304	EJECTOR FORWARD	
X306	IMM E-STOP			Y305	ROBOT E-STOP	

* Program back up feature will be added to the later version of robot software and hardware , we will upgrade software and hardware when we have software back up feature available !