

EPIK-UNIK-Interlock Board I.O

Interlock Board							
No.	Signal	MS	Board Connector	Wire Color	Numberling	Interlock Name	Direction
1		n	16P 1	Pink/Black	ED	IMM E STOP	From IMM to Robot
2	X303	D	16P 2	Black/Red	R	Full Auto from IMM	From IMM to Robot
3		j	16P 3	Sky	EC	IMM E STOP	From IMM to Robot
4	X305	F	16P 4	Pink	Q	Ejector Forward Complete	From IMM to Robot
5	Y300	M	16P 5	Orange/Black	CY	Conveyor 1 (On/off Contact From Robot)	From Robot to conveyor
6		X	16P 6	Red/Black	CV	Conveyor 2 (On/off Contact From Robot)	From Robot to conveyor
7		g	16P 7	Purple/White	EB	Robot E Stop contact In	From Robot to IMM
8		K	16P 8	White/Yellow	COM	INTERLOCK_COM	INTERLOCK_COM
9	X304	E	16P 9	Yellow/Black	S	Ejector Back Complete	From IMM to Robot
10	X302	C	16P 10	Yellow	E	Safety door	From IMM to Robot
11	X301	B	16P 11	Gray	F	Mold open complete	From IMM to Robot
12	X300	A	16P 12	Orange	D	Mold Close Complete	From IMM to Robot
13	X306	G	16P 13	White/Red	P	Core In	From IMM to Robot
14	X307	H	16P 14	White/Black	W	Core Out	From IMM to Robot
15		L	16P 15	White	COM	INTERLOCK_COM	INTERLOCK_COM
16	GND	m	16P 16	Sky/Black	RU	Robot use	From Robot to IMM
17		W	18P 1	Black/Blue	EA	Robot E Stop contact out	From Robot to IMM
18	Y303	R	18P 2	Green	K	Mold Close Interlock 1	From Robot to IMM
19	Y302	P	18P 3	Brown	I	Mold Open Interlock1	From Robot to IMM
20		b	18P 4	Green/White	L	Mold Close Interlock 2	From Robot to IMM
21	Y307	U	18P 5	Red/Yellow	CBA	Core Back Interlock 1	From Robot to IMM
22	Y304	S	18P 6	Blue	M	Ejectot Forward Interlock 1	From Robot to IMM
23		h	18P 7	Red	24V	24V	24V
24		c	18P 8	Blue/White	N	Ejectot Forward Interlock 2	From Robot to IMM
25		a	18P 9	Brown/White	J	Mold Open Interlock 2	From Robot to IMM
26		k	18P 10	Purple	GND	GND	GND
27		Z	18P 11	Black/White	H	Take out Comlete Okay 1	From Robot to IMM
28	Y301	N	18P 12	Black	G	Take out Comlete Okay 2	From Robot to IMM
29		f	18P 13	Blue/Yellow	CBB	Core Back Interlock B	From Robot to IMM
30	Y305	V	18P 14	White/Gray	EBA	Ejectot Back Interlock A	From Robot to IMM
31		d	18P 15	Green/Yellow	EBB	Ejectot Back Interlock B	From Robot to IMM
32	Y306	T	18P 16	Gray/Black	CFA	Core Forward Interlock A	From Robot to IMM
33		e	18P 17	Brown/Yellow	CFB	Core Forward Interlock B	From Robot to IMM
34	X308	J	18P 18	Black/Yellow	Y	Mold Middle Open Complete (Coil)	From IMM to Robot

* Above Information is subject to change without notice for quality improvement

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