## demo\_factory

## 2-Amis Pick & Place

Signal	Symbol	I/o	Logic
Base at place	SB_P	I	
hid at place	SLP	I	
Base clamped	SB_M	I	
Lid clamped	2r W	I	
Part leaving	S_L	I	Assembled part leaving
Item detected	ST_D	I	Item detected under tool
Moning X	ST_X	I	Tool moving along X-ansis
Many Z	ST_Z	I	Tool morning along 2-ansis
Base damp sot built	SBC	I	Claup at topbotton limit
hid clamp at limit	STC	エ	Clamp at topsoften limit
Base emitter	AB_E	0	Erist base
hid emitter	AL_E	0	Emit Gl
Bese domp	AB_M	0	Clamp bace
tod clamp	AL_M	0	clamp tid
Base Conegar	AB_C	0	I
Lid conveyor	AL_C	O	
More X	AT_X	0	More took down x-aneis
Mare Z	ATZ	$\mathbb{O}$	More took down z-ancis
Grab	AT_G	0	Grab part with tool
Raise Base Clamp	RB_M	0	(
Rase Lid clams	RL.M	O	

1 second elapses: bal - SL\_P: ta2 2 seconds elapses: ta3 V SLM: taf ) PC1 AT\_Z ( -ST\_Z: tc1 AT\_Z 8T\_7 NST\_D: 6C2 AT\_G 1 second elapses: tc3 AL\_M ( - SL\_M: tc4 781 ( 1 seand playses: to1 -ST\_Z:tcs 762 AB\_C, AB\_E PC6 AT\_Z

