

**MODEL 3416D LOOP DETECTOR
CABLE WIRE COLORS AND CONNECTIONS TO 301
GATE**

PIN	CABLE WIRE COLORS	DESCRIPTION	OPEN	SAFETY/ CLOSE	CLOSE	ARMING
A	WHITE	120 VAC, NEUTRAL	NEUT	NEUT	NEUT	NEUT
B	YELLOW	OUTPUT A RELAY (COM)	7	7	9	16
C	BLACK	120 VAC, LINE	L1	L1	L1	L1
D	GRAY	LOOP	23	21	21	23
E	BROWN	LOOP	24	22	22	24
F	BLUE	OUTPUT A RELAY (N.O.)	10	8	8	17
G	RED	OUTPUT A RELAY (N.C.)				
H	GREEN	CHASSIS GROUND	GND	GND	GND	GND
I	PINK	OUTPUT B RELAY (COM)				
J	VIOLET	OUTPUT B RELAY (N.O.)				



ENGINEERED PARKING SYSTEMS

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