



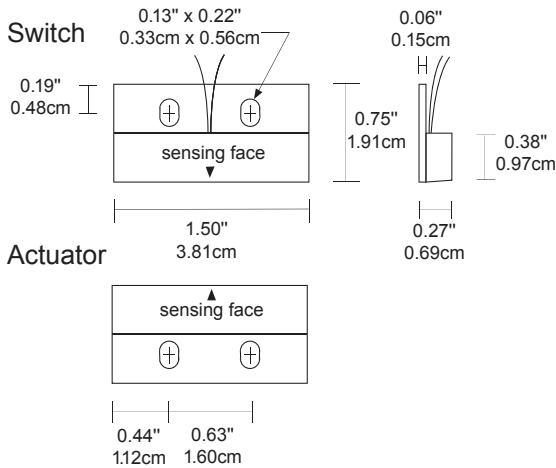
# Non-Contact Interlock/Position Switch 104 GuardSwitch

## Applications

- Mail Sorting Machines
- Gaming Industry
- Drop Doors
- Player Tracking
- Bill Validators
- Access Doors
- Scissor Lifts
- Position Sensing

## General Specifications

Enclosure	ABS Plastic
Temperature Range	-40°F to 180°F (-40°C to 80°C)
Environmental	Hermetically Sealed Contact Switch Encapsulated in Polyurethane
NEMA Rating	1, 2, 3, 4, 4x, 5, 6, 12
Protection Class	IP 67
Response Time	1 msec
Life Cycles	100,000 Under Full Load; Up to 200,000,000 Under Dry Circuit
Lead Type/O.D.	22/2 Flying Lead (V) AWG /0.05"(0.13cm) 22/3 Flying Lead (V) AWG /0.05"(0.13cm)
UL/CSA/CJL	All Models



INTERLOCK SWITCH  
100 SERIES



File E 122942



LR 89176

Order Information		Electrical Specifications						
Part Number	Contact <sup>1</sup> Config.	Load Rating (AC/DC)	Switching Voltage Maximum (AC/DC)	Switching Current Maximum (AC/DC)	Contact Resistance	Sense Range <sup>2</sup> Nominal	Break Range Nominal	Lead Length
104-1U-03V	N.O.	15VA	120V (@0.11A)	0.5A (@30V)	0.2 Ohms	0.5" (1.3cm)	1.3" (3.3cm)	3'(0.9m)
104-2U-03V	SPDT	15VA	120V (@0.11A)	0.5A (@30V)	0.2 Ohms	0.5" (1.3cm)	1.3" (3.3cm)	3'(0.9m)
104-U	Actuator Only							

**Warning— Each electrical rating is an individual maximum and cannot be exceeded!**

<sup>1</sup> Configuration with actuator away from the switch

<sup>2</sup> Proximity of ferrous materials usually reduces sense range — typically by 50%. The shape and type of material cause a wide diversity of effects. Testing is required to determine actual sense range for specific applications.