

# Non-Contact Interlock/Position Switch

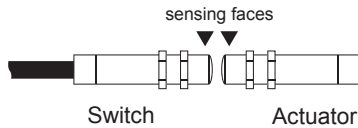
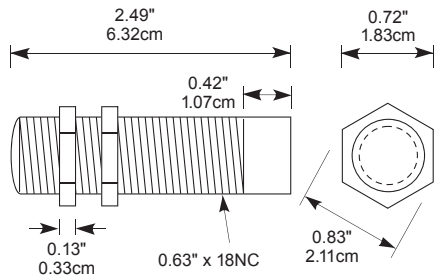
## 125 GuardSwitch

### Applications

- Food Processing
- Textile Machines
- Elevator Lifts
- Position Sensing
- Proximity Switches

### General Specifications

Enclosure	Nickel-plated Aluminum
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; (150VA)
Life Cycles	100,000 Under Full Load; Up to 200,000,000 Under Dry Circuit
Lead Types/O.D.	18/2 SJTOW (K) / 0.30" (0.76cm)
UL/CSA	All Models



INTERLOCK SWITCH  
100 SERIES



Part Number	Contact <sup>1</sup> Config.		Load Rating		Switching Voltage, Max.		Switching Current, Max.		Contact Resistance	Sense Range <sup>2</sup> Nominal	Break Range Nominal	Lead Length
	AC	DC	AC	DC	AC	DC	AC	DC				
125-6Y-06K	N.O.		25VA	25W	120V(@0.2A)	120V(@0.2A)	0.7A(@35V)	1.0A(@25V)	0.2 Ohms	0.6" (1.5cm)	1.4" (3.6cm)	6"(1.8m)
125-7Y-06K	N.O.		100VA	84W	120V(@0.8A)	28V(@3.0A)	3.0A(@34V) <sup>3</sup>	3.0A(@28V) <sup>3</sup>	1.0 Ohms	0.5" (1.3cm)	0.9" (2.3cm)	6"(1.8m)
125-Y	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.
- <sup>3</sup> Rated at 3.0A for 6,000 cycles only. Other ratings are at 100,000 cycles.
- <sup>4</sup> Can withstand inrush surge up to 4 amps. Voltage Drop 1.5V, minimum switch current of 30mA.