



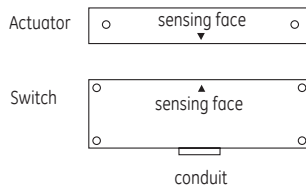
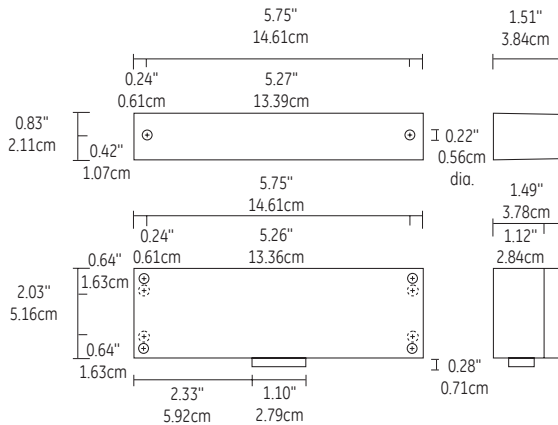
Non-Contact Interlock/Position Switch 171 GuardSwitch Explosion Proof

Applications

- Explosive Environments
 - Automotive Paint Companies
 - Industrial Paint Companies
 - Grain Mills
 - Chemical/Toxic Environments
 - Fertilizer Manufacturers
- Enclosure UL classified for hazardous locations classes:
 - Class I, Group B, C, D
 - Class II, Group E, F, G
 - Class III, Divisions 1 & 2

General Specifications

Enclosure	UL Explosion proof, Die Cast 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, 5
Protection Class	IP 64
Response Time	1 msec; 10 msec (150VA)
Life Cycles	100,000 Under Full Load; Up to 200,000,000 Under Dry Circuit
Conduit Connection	1/2" Threaded NPT
UL	Enclosure Only



Order Information

Electrical Specifications

Part Number	Contact ¹ Config.	Load Rating AC DC	Switching Voltage, Max. AC DC	Switching Current, Max. AC DC	Contact Resistance	Sense Range ² Nominal	Break Range Nominal	Terminal Type
171-6Z	N.O.	25VA 25W	120V(@0.2A) 100V(@0.2A)	0.7A (@35V) 1.0A (@25V)	0.2 Ohms	1.5"(3.8cm)	2.4"(6.1cm)	#6 Screw

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

¹ Configuration with actuator away from the switch

² 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.