

# P475-1

## Non-Mercury, SPDT, Damper Position Switch



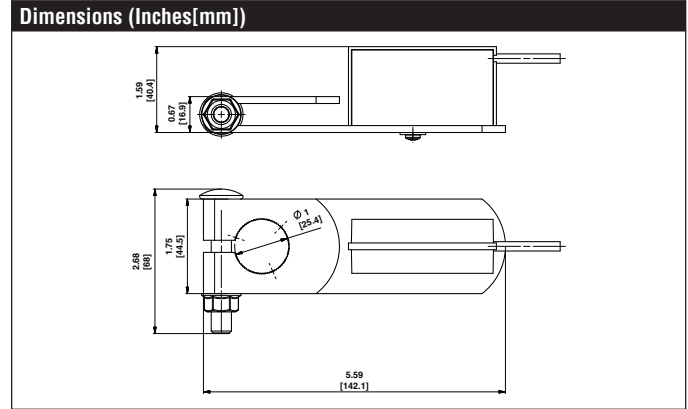
### Application

The P475-1 damper position switches are used to indicate when a desired position of a damper is reached or to interface additional control for a specific control sequence.

### Operation

The P475-1 is mounted onto the damper shaft. This switch uses a roller ball and mechanical switch to provide open/closed/operating damper position status. The P475-1 offers a non-mercury alternative for applications and for projects which do not allow mercury.

Technical Data	
Number of Switches	one SPDT
Switch Type	mechanical roller ball
Switching Capacity	5A @ 120/250 VAC, 5A @ 30 VDC
Switching Point	switches at or before 15° below horizontal and at or before 10° above horizontal, operating angle is 25° maximum
Shaft Diameter	1" round
Electrical Connection	3 ft, 18 GA plenum rated cable
Ambient Temperature Range	-30°F to +130°F [-34°C to +54°C]
Storage Temperature Range	-40°F to +176°F [-40°C to +80°C]
Housing	NEMA 2
Housing Material	UL94V-0
Servicing	maintenance free
Weight	0.7 lbs [0.3 kg]



Date created, 02/20 - Subject to change. © Belimo Aircontrols (USA), Inc.

**Wiring Diagrams****⚠ WARNING! LIVE ELECTRICAL COMPONENTS!**

During installation, testing, servicing and troubleshooting of this product, it may be necessary to work with live electrical components. Have a qualified licensed electrician or other individual who has been properly trained in handling live electrical components perform these tasks. Failure to follow all electrical safety precautions when exposed to live electrical components could result in death or serious injury.

**✂ INSTALLATION NOTES**

1 Provide overload protection and disconnect as required.

