

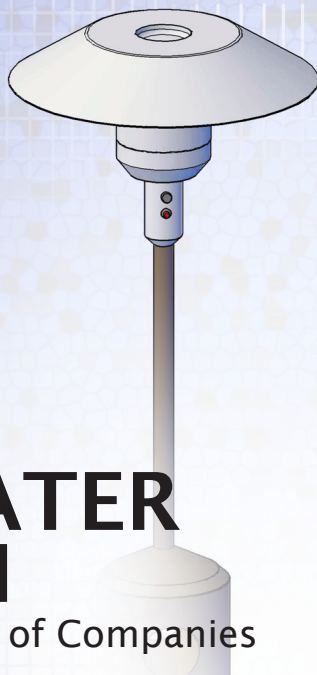
COMUS



ASSEMtech
EUROPE

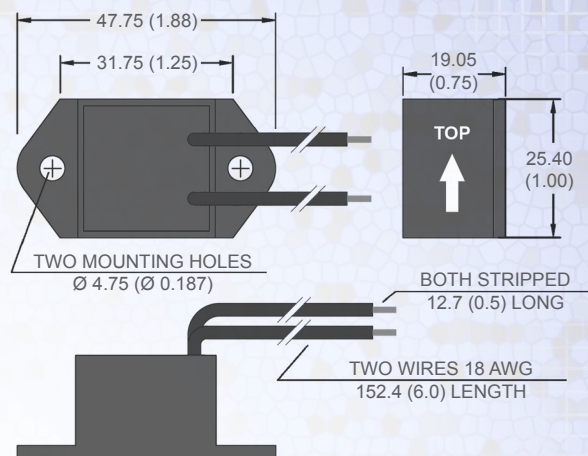
OTO
TECHNOLOGY

STG



PATIO HEATER TIP SWITCH

From the Comus Group of Companies



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FEATURES

- Vibration Resistant
- Mechanical Stress Resistant
- Reverse Polarity Protection
- Environment Friendly

Housing Material

- ABS Plastic
- Epoxy Encapsulated

Detection

- Omni-Directional

Customization

- Reaction Time
- Tilt Control
- Size of Unit

The Comus Group is proud to introduce our newest custom product from our Smart sensor line. Patio heaters have become popular with bars and restaurants since they extend the day and the season for their customers to sit outdoors. As these devices are fueled by natural gas or propane they can be a danger to the populace if the pilot light were to extinguish when such a device is accidentally tipped over allowing gas to continue to flow presenting a danger to all in the immediate surrounding areas.

Until recently the only solutions were low in reliability. The [PD6025](#) is the first ever environmentally friendly and high grade quality solution that addresses this issue. Packaged in a robust yet small enclosure the [PD6025](#) sensor's design marries compactness with high quality and precision. Response times of less than 1 millisecond have been reported for gas line shutoff when our sensor is installed properly.

Available in a variety of mounting options and angle options the [PD6025](#) sensor is an ideal fit for any patio heater and addresses this growing concern of cost conscious and quality safety in the marketplace.

OTHER COMUS SENSORS

[Getting Smart with Sensing Technology](#)

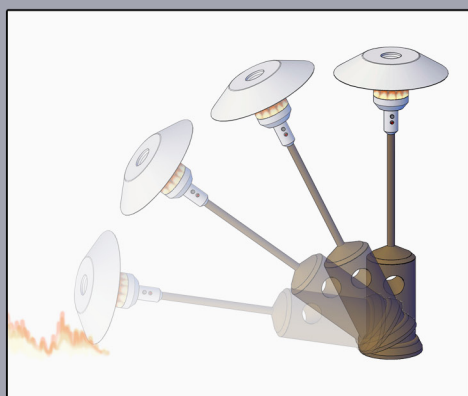
[Surface Mount Reed Switches](#)

[RBF Safety Warning Light](#)

[Night Vision with a Flip of a Switch](#)

[In the Spotlight Solid State Relays](#)

[Housed SMD Reed Switches](#)



APPLICATIONS

Our Smart Sensors have found a home in the most diverse of applications and industries:

- medical devices such as hospital beds
- engineering equipment such as automated testers
- vehicle leveling and/or alarm control sensing
- solar panel positioning
- safety sensing for heaters where equipment has to be kept in relative level state

The picture to the left shows one such application. This smart sensor was designed for gas patio heaters. The principle needs were very low power consumption, low contact resistance, anti-vibration and high reliability. If this propane powered patio heater is tipped over in any direction, our sensor will shut the module off that regulates gas to the heater.