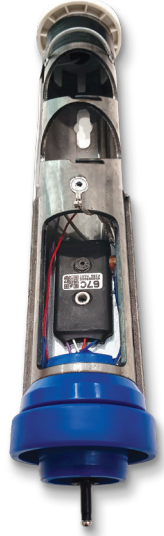


With the growing popularity of oriented perforating, SWM takes the technology a step further with PerfStrike Orientation™ Addressable Switch. This addressable switch is designed to work exclusively with the PerfAlign™ gun, contributing to self-orienting perforating technology.

PerStrike Orientation™ Addressable Switch

The PerfStrike Orientation adds another level of precision, enhancing the performance of self-orienting perforating. This addressable switch reports the charge tube's rotational position and inclination with 1° accuracy. The PerfStrike Orientation also records the rotational position after arm and fire commands and can stream live orientation results at up to 4 samples per second.

The accuracy of the switch-to-gun installation is critical in self-orienting perforating, since an improper switch-to-gun mount can skew high-resolution measurements. Employing the PerfStrike Orientation as part of an integrated offering—including the perforating gun, switch, and panel—ensures the necessary precise switch-to-gun installation.



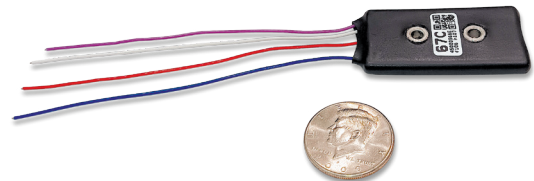
PerStrike Orientation™ Features

PerfStrike Orientation™ delivers a number of key features, adding to the quality of the perforating process, including:

- Reports rotational orientation within 1° accuracy
- Records rotational position after arm and fire commands
- Streams the live orientation at up to 4 samples per second
- Ensures accurate mounting to the PerfAlign gun
- Automated operation available

In addition, this advanced switch offers the same proven features of the PerfStrike™ addressable switch:

- Simple and fast perforating gun preparation
- Easy and fast determination of readiness via a handheld digital test box
- Faster stage completion with less time inventorying of switches required
- Lower power consumption



Feature	Value
Operating Temp. (1 hour)	-40 to +400° F
Max Line Cable Length	60,000 ft
Inventory Speed (per switch)	0.2 Seconds
Max Switches in Single String	60+
Max Test Current at Test Device	20 mA
Min Detonator Resistance	10 Ohm
ESD Safety Voltage	30,000 V
API RP 67 Compatibility	Yes

SWM Technologies – Delivering Consistent Hole Size and Quality

At SWM Technologies, our goal is to provide perforating equipment that delivers the industry's most consistently sized, highest-quality holes. Combining the talents and experience of our gun and charge experts, we are committed to advancing perforating technology with improvements in both gun and charge designs.

We serve the perforating industry from our 120,000+ square foot corporate headquarters and gun manufacturing plant in Pampa, Texas, and our shaped charge facility in Poolville, Texas.



Hole Size and Quality Matters™

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