

VERIFEYE™



BURNERS | FLARES | THERMAL OXIDIZERS
VAPOR CONTROL | RENTALS | AFTERMARKET



VERIFEYE

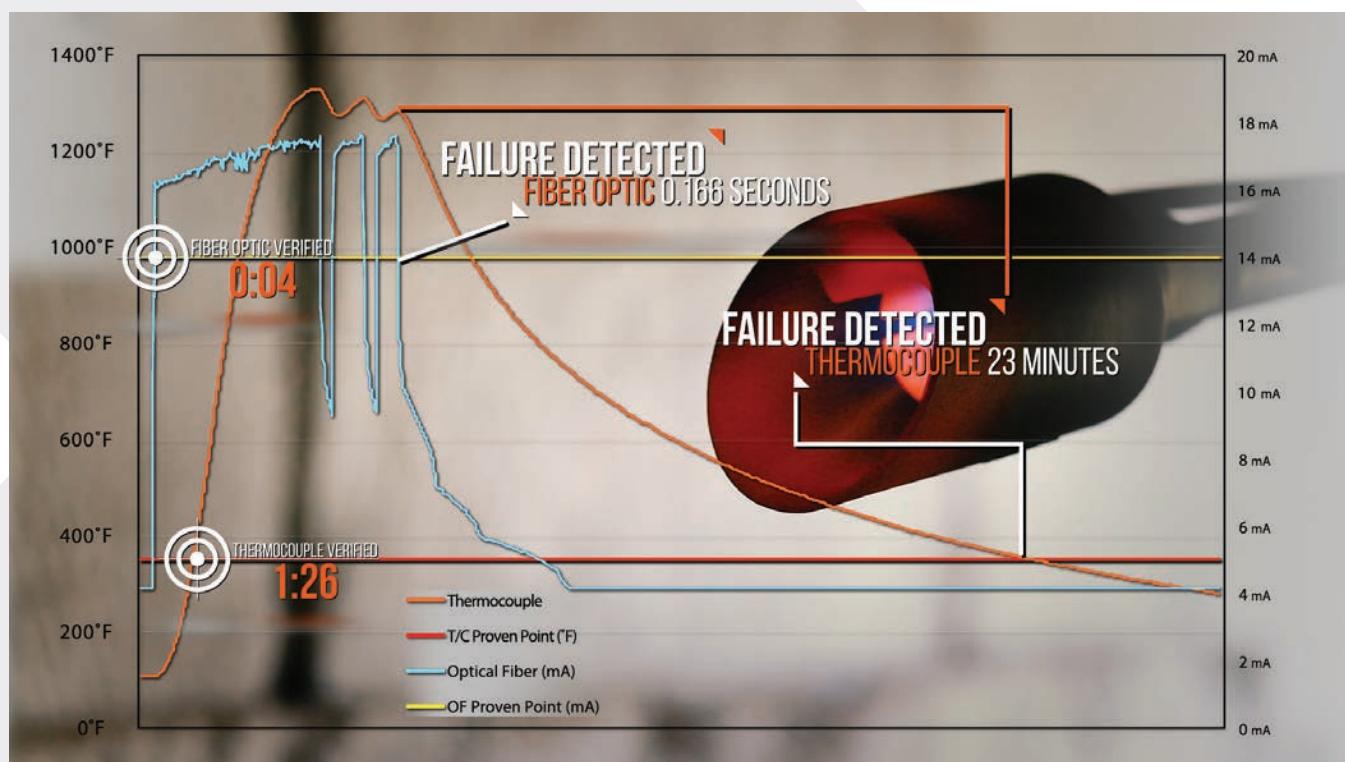
FIBER OPTIC FLAME MONITOR

Instantaneous, verified, robust pilot monitoring.

The ZEECO VerifEye™ fiber optic pilot monitoring system delivers a new level of instantaneous, discrete, and automatic flare pilot detection. Our system uses fiber optics integrally mounted in the flare pilot to relay the status of each unique pilot flame to an at-grade monitor in real-time. Because the monitors incorporate flame flicker technology to discern between the pilot and flare flame, a discrete, accurate, and instantaneous signal is possible among the pilots and between the pilots and the flare flame. The system is more accurately controls pilot ignition and function because it operates on a real-time, instantaneous signal.

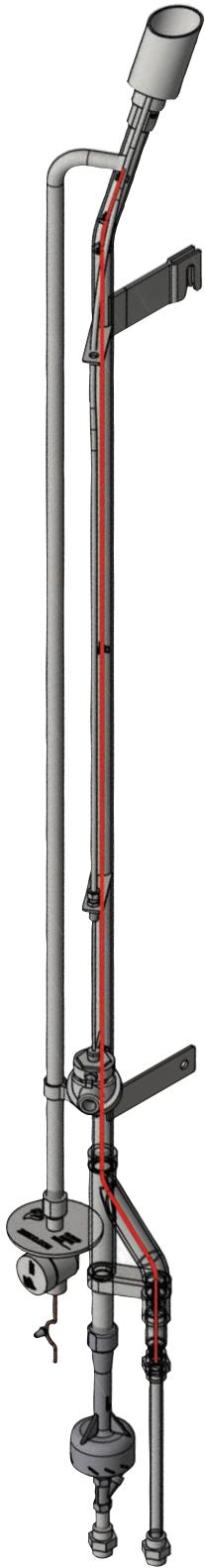
To eliminate maintenance issues, the entire VerifEye system, including cables, fasteners, and connectors, is constructed for high-temperature applications and focuses on the pilot flame from a safe distance within the pilot well — not in contact with any combustion-affected zones. Our engineers centered the fiber optic assembly in the air-gas premix piping, so the continuous flow of air and gas during operation creates a thermal barrier against combustion temperatures.

The VerifEye system is more responsive than a thermocouple, more accurate than a flame rod or typical optical monitor, and more robust than any other technology on the market today.



VERIFEYE PILOT MONITORING SYSTEMS

Technology	Individual	Maintainable / Robust	Instantaneous
VERIFEYE (Fiber Optic)	•	•	•
THERMOCOUPLE	•	•	
OPTICAL AT GRADE		•	•
FLAME ROD	•		•
ACOUSTIC	•		•



Design Features and Benefits

- Accurate, real-time pilot status monitoring, regardless of wind or flame conditions
- Robust performance between scheduled turnarounds
- Discriminates among individual pilot flames and between pilot and flare flame
- Remote, non-contact monitor mounted at grade
- Instantaneous signal helps prevent unintended releases due to pilot failure

The Zeeco Difference

Our only business is the combustion business. By concentrating on what we do best, Zeeco has grown into the worldwide leader in combustion solutions. We are a privately held company whose ownership stays highly involved in daily operations, with upper management comprised of the world's leading combustion experts.

When you call Zeeco, we answer. When you make a request, you get a quick, efficient response. We are lean and efficient, able to make decisions quickly, without bureaucracy and red tape. Our sales, engineering, and purchasing groups work hand-in-hand to deliver highly competitive quotes and heroic turnaround times. We stand ready and willing to travel anywhere in the world to discuss upcoming projects firsthand, and to ensure that every existing project runs seamlessly.

Choose Zeeco

Choose to work with our dedicated, flexible, and innovative team, and you won't be disappointed. Call or email us today to request a quote or to learn more about our proprietary combustion and monitoring systems.



VerifEye™ Fiber Optic Flare Pilot Monitoring System



The Zeeco Difference

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Visit zeeco.com/contact for additional Global Location contact information



Choose to work with our dedicated, flexible, and innovative team, and you won't be disappointed. Call or email us today to request a quote or to learn more about our proprietary combustion systems.

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REGISTERED
ISO 9001: 2015

Certification applies to
Zeeco Headquarters.