



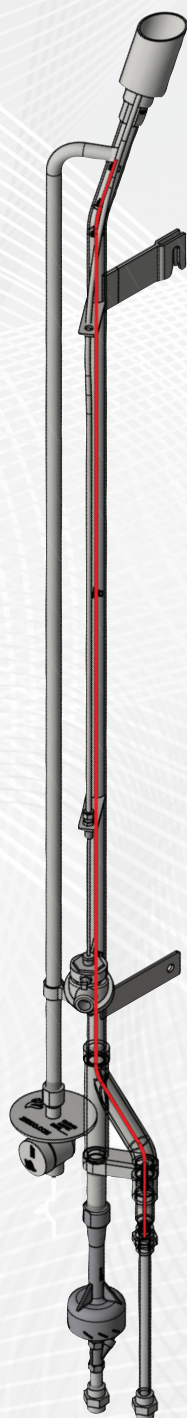
# VERIFEYE™ Fiber Optic Pilot Monitor

## Instantaneous, Verified, Robust Pilot Monitoring

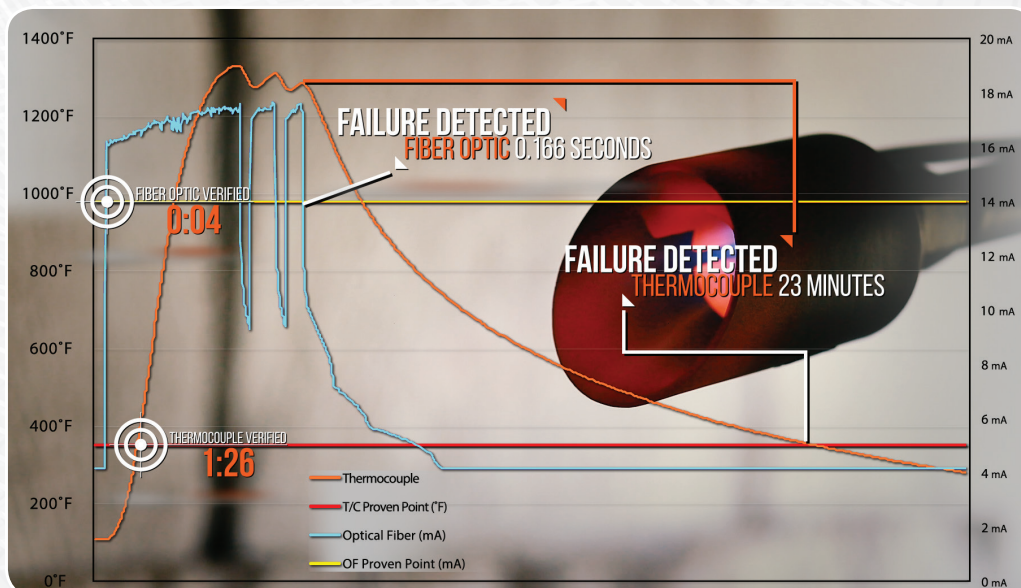
The ZEECO® VerifEye™ fiber optic pilot monitoring system delivers a new level of instantaneous, discrete, and automatic flare pilot detection. Our patented system uses fiber optics integrally mounted in the flare pilot to relay the status of each unique pilot flame in real-time to an at-grade monitor.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

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 housing — 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 significantly more responsive than a thermocouple, more accurate than a flame rod or typical optical monitor, and has a longer expected equipment life than any other technology on the market today.



VerifEye™ Fiber Optic Flare  
Pilot Monitoring System



## VERIFEYE

### PILOT MONITORING SYSTEMS

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





BURNERS



FLARES



INCINERATORS



PARTS & SERVICE

## VERIFEYE

### Design Features and Benefits

- Accurate, real-time pilot status monitoring, regardless of wind or flame conditions
- Exceptional equipment life for reliable performance between scheduled turnarounds
- Discriminates among individual pilot flames and between pilot and flare flame
- Remote, non-contact monitor mounted at grade
- Instantaneous notification of pilot failure reduces chances for unintended atmospheric venting

### 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.



ZEECO® combustion and environmental solutions are designed and manufactured to comply with applicable local and international standards as defined by our customers.



REGISTERED  
ISO 9001: 2008

CERTIFICATION APPLIES TO ZEECO HEADQUARTERS ONLY.

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