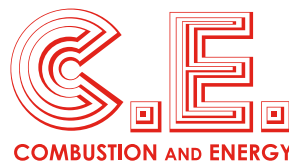


# FLAME DETECTION SYSTEM

## IRIS500 UNISCAN Ex




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### KEY FEATURES

- Execution:  II 2G  
Ex d IIC T6 Gb
- T. Amb. : -20°C to +70°C
- Degree of protection: IP66
- Power supply: 24VDC from flame signal amplifier
- Self checking by electronic switching
- Fail safe
- Waves spectrum detect: 750-1900nm
- Output 1 normal open volt powered 24Vdc contact for flame on (SPST)
- Angle of view: 2.7 maximum
- Electrical connection: 3/4" NPTF
- Connection to the burner: 1" NPTF
- Flame drop out time selectable to 1 - 2 or 3 seconds
- Purge air connection: 1/2" NPTF
- Purge air flow required: ~ 1,7m³/h
- Area classification: zone 1 / zone 2

### USE

- Monitor gas and oil flames in process heaters and small utility boilers.

### APPLY TO

- Boilers
- Burners

### CERTIFICATION

- ATEX certification
- CE marking

### MANUFACTURER

Combustion and Energy Srl  
Part number: IRIS500 UNISCAN Ex

