

# FLAME DETECTION SYSTEM

## IRIS500 UV 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 amplifier
- Adjustable sensitivity range
- Housing material: aluminum
- Self checking by electronic switching
- Electronic shutter self checking
- Shutter frequency: 1 per second
- Fail safe
- Waves spectrum detect.: 185-300nm
- Quartz optical/transmittance: 170-2200nm
- Angle of view: 2.7 maximum
- Connection to the burner: 1" NPTF
- Purge air connection: 1/2" NPTF
- Purge air flow required: ~ 1,7m<sup>3</sup>/h
- Electrical connection: 3/4" NPTF
- Area classification: zone 1 / zone 2
- Mounting type: adjustable

### USE

- Recommended for gas and oil flames

### APPLY TO

- Boilers
- Burners

### CERTIFICATION

- ATEX certification
- CE marking

### MANUFACTURER

CE2K Srl  
Part number: IRIS500 UV Ex

