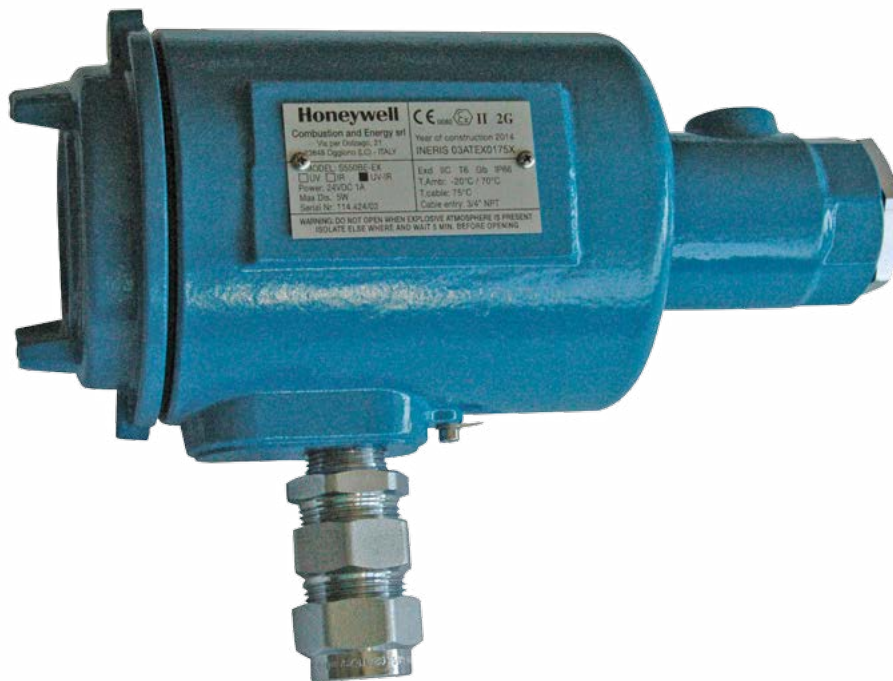


FLAME DETECTION SYSTEM

S550BE-Ex




S550BE-Ex



FLAME DETECTION SYSTEM

S550BE-Ex

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
- Dual UV/IR Viewing Head in single housing
- Auto/Manual Calibration
- Immune to X-Rays and Gamma radiation
- UV Spectral response 190 - 215nm
- IR Flicker - 8 High pass filters, 16 - 215Hz
- Select IR, UV or both simultaneously
- Response UV:200nm Peak / IR:1400nm Peak
- Electronic self-check once a second, viewing head and signal processor (no mechanical moving parts)
- Angle of view : IR 1.0° / UV 3.0°
- Connection to the burner: 1" NPTF
- Purge air connection: 1/2" NPTF
- Purge air flow required: ~ 1,7m³/h
- Electrical connection: 3/4" NPTF
- Area classification: zone 1 / zone 2
- Mounting type: adjustable

- Compatible with all P52x and P53x series signal processor
- SIL3 "Fit for use"
- Fail safe

ACCESSORIES

- Flame amplifier
- Cable
- Swivel joint

USE

- Recommended for gas and oil flames

APPLY TO

- Heaters
- Boilers
- Burners

CERTIFICATION

- ATEX certification
- CE marking

MANUFACTURER

Combustion and Energy Srl

Part number: S550BE-Ex

