

FLAME SELECTION SYSTEM

S55XBE



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KEY FEATURES

- T. Amb.: -40°C to 70°C
- Degree of protection: IP66
- Power supply: 24VDC from amplifier
- Adjustable sensitivity range
- Housing material: aluminum
- Auto/Manual Calibration
- Immune to X-Rays and Gamma radiation
- IR Flicker - 8 High pass filters, 16 - 215Hz
- Electronic self-check once a second, viewing head and signal processor (no mechanical moving parts)
- Connection to the burner: 1" NPTF
- Purge air connection: 1/2" NPTF
- Purge air flow required: ~ 1,7m³/h
- Connection with turk connector
- CSA for CLASS I, DIV2, GROUPS A, B, C, D, T5 FM7610/NEMA 4X and CLASS 1, DIV 2, GROUPS A, B, C, D & T5
- Mounting type: adjustable
- Compatible with all P52x and P53x series signal processor
- SIL3 "Fit for use"
- Fail safe
- NEMA 4X housing, quick disconnect plug
- Flame tools compatible
- FM, CSA & NRTL/C Approved

- According to model:
 - Dual UV/IR (S550BE) // IR Sensor (S552BE) // UV (S556BE)
 - UV Spectral response 190 - 215nm
 - Select IR, UV or both simultaneously
 - Response UV: 200nm Peak / IR:1400nm Peak
 - Angle of view : IR 1.0° / UV 3.0°

ACCESSORIES

- Flame amplifier
- Cable
- Swivel joint

USE

- Recommended for gas and oil flames

APPLY TO

- Heaters
- Boilers
- Burners

MANUFACTURER

Combustion and Energy Srl

Part number:

- S550BE (UV/IR)
- S552BE (IR)
- S556BE (UV)

