



# UV Flame Detector FLD-01

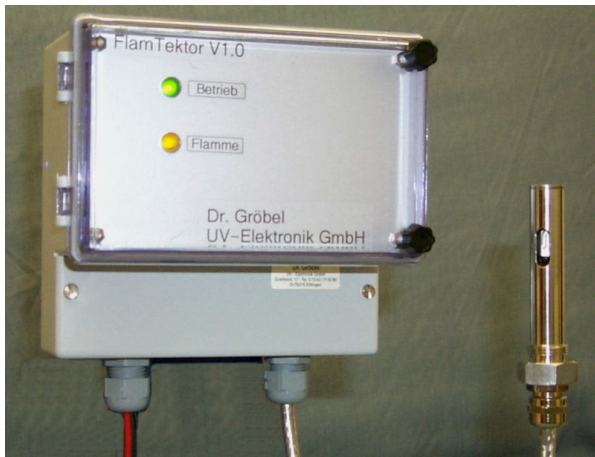


Fig. 1: UV flame detector FLD-01

The UV flame detector detects flames in burner systems by measuring the UV radiation of the flame. In comparison to simpler photo detectors, the UV detection is independent of room light and after-glowing of the burner. With this, fast and reliable safety shutdown of dangerous fuels such as hydrogen becomes possible.

The flame detector consists of a detection electronics box and a UV sensor. The electronics box shows the state of the flame by a LED and has a switching contact output to transfer the status information to the system controller.

## Applications

- Flame detection in industrial systems
- Fast shutdown of fuels

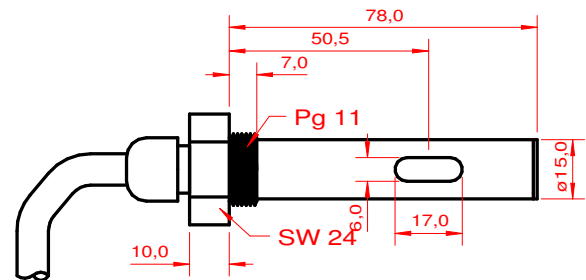


Fig. 2: Dimensions of the UV sensor

## Technical Data

Dimensions:	155 x 165 x 115 mm
Weight:	1 kg
Operation temp.:	0 to 40 °C
Storage temp.:	-10 to 40 °C
Humidity:	< 80 %, Non-condensing
Power supply:	24 V / DC
Current input:	60 mA
Switching contact:	1x 250V 1 A

## Part number

UV flame detector FLD-01	800520
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