

UV cell series UV-1

UV cell of series UV-1 are normally applied to detect a flame by gas or mixed fuel burners.

Flame detection in burners occurs by means of sensors detecting the presence of flame through an electrical signal, which can be used by ignition and control devices.

UV-1 cell exploit the radiation emitted by the light generated by the flame.

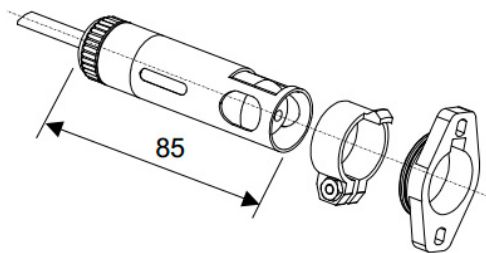


TECHNICAL FEATURES

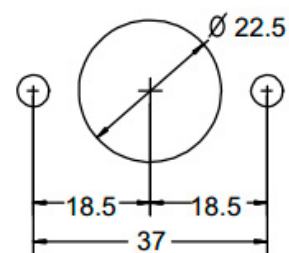
Nominal life time	10.000 hours (*)
Maximum distance from UV source	1m
UV1 sensor temperature range	-20 ÷ +50 °C
Standard cable length	655 mm (on request longer lengths)
UV cell sensitivity	further to the standard medium and high sensitivity are available

(*) in presence of temperature over 50 °C, lifetime of UV cell will be shorter

DIMENSIONS



Per UV1



It highly recommended NOT to install UV cell next to energy cables or ignition transformer cables.

All the reported data are subject to be changed without notice.

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