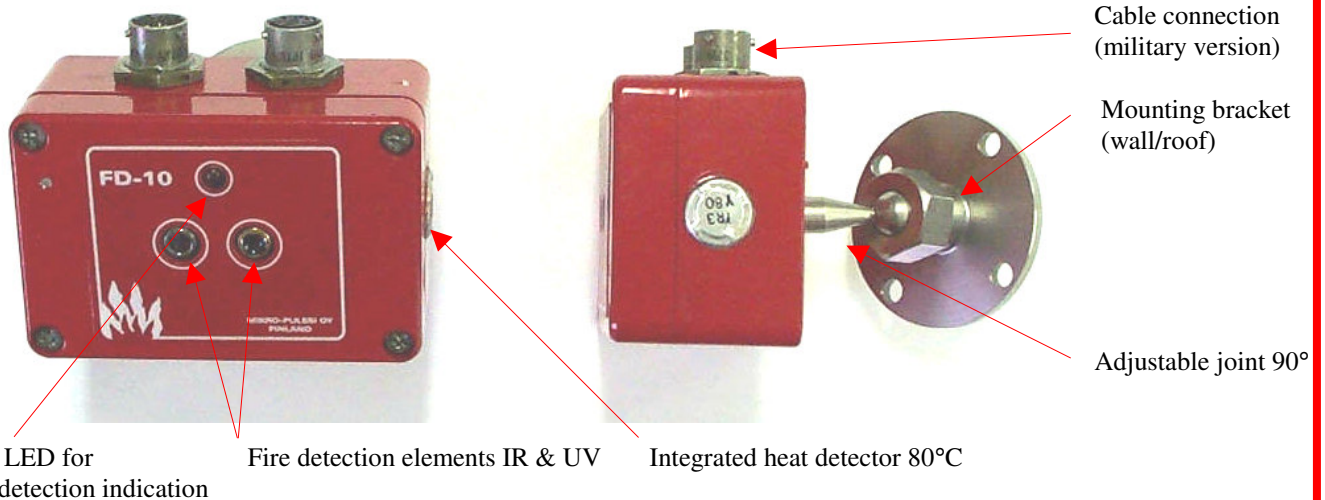


# FD-10 FLAME DETECTOR



**FD-10 is a very fast flame detector, which is designed for demanding conditions. A flame detector is recommended for special and critical applications such as military vehicles and intrinsically safe facilities, but also for other applications where instantaneous fire detection is essential.**

**The detection of the flame is based on measuring infrared and UV radiation. The fire alarm sensitivity is based on specified algorithm parameters programmed to the microprocessor. The FD-10 can also be programmed to give a fire pre-alarm.**

## FD-10 FEATURES

- Very fast fire detection - even 5 ms.
- Reliable function.
- Designed for demanding conditions.
- Automatic monitoring and fault indication.
- Sensitivity can be specified according to the application.
- Temperature detector integrated.



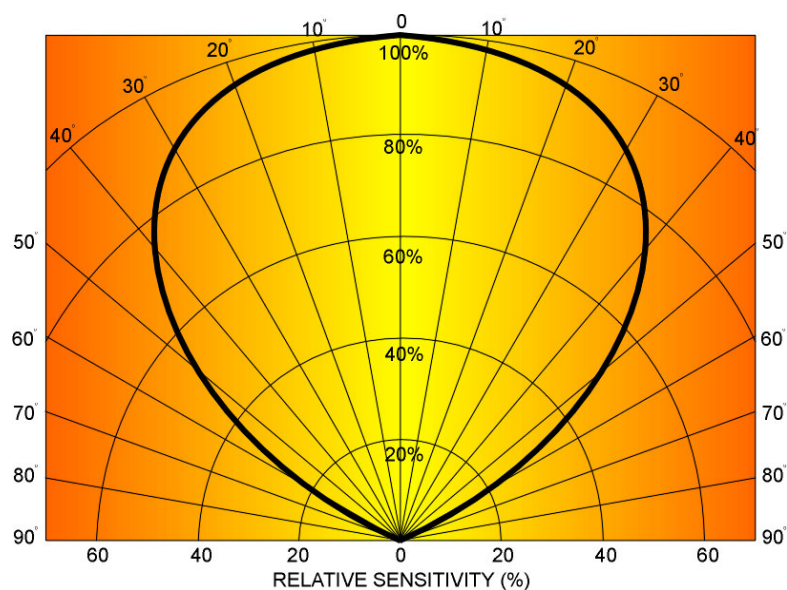
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## TECHNICAL DATA

Art. No.	61374101
Fire detection	Combined UV and IR
Reaction time	5 ms
Sensitivity	0.06 m <sup>2</sup> flame (A4 size), 4 m
Monitoring view	90 degrees
Dimensions	W 100 x H 65 x D 95 (incl. bracket)
Weight	0,45 kg (incl. bracket)
Supply voltage	24V DC (20V...30V)
Power consumption	At control mode about 11 mA
Ingress class	IP 65
Operating temperature	-43 - +60 °C
Connections	Lead-through, MIL – C26482G
Fire alarm	Open Collector (OC)
Fault indication	Open Collector (OC)
PC-connection	JTAG

## DIRECTIVITY



**FD-10 Flame Detector for instantaneous and reliable fire detection.**