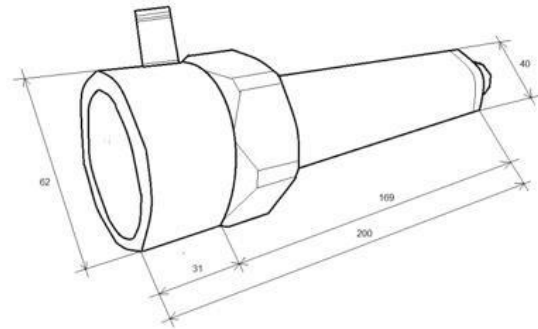


INFRARED (IR) FLAME DETECTOR

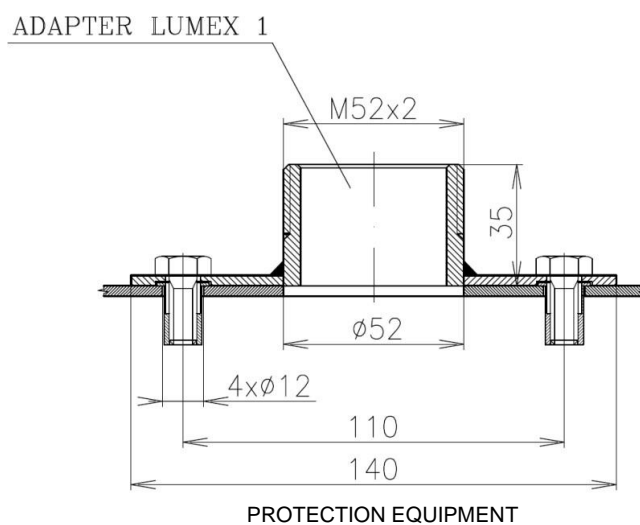
LumEx1



The detector is designed to identify flame and sparks in enclosed areas with explosion and fire hazard. It allows to detect the flame and sparks in the monitored technological section and to convert and amplify this impulse to a signal suitable for further evaluation and processing. It is equipped with a blowout to ensure the accuracy of the IR spectrum. Use only in darkened spaces.

| TECHNICAL DATA | |
|-------------------------|---|
| Operating voltage | 8 to 27 Vss |
| Current consumption | □ 45 mA |
| Power dissipation | □ 0,25 W |
| Alarm impulse | cca 1 – 240 sec. |
| Response time | □ 3 ms |
| Cover | IP 65 |
| Spectral sensitivity IR | 950 nm |
| Temperature range | -20°C to +80°C |
| Housing material | Stainless steel, Dural |
| Weight | 1560g |
| Output | Resistance relay |
| Sensitivity degree | 1 – 100% |
| Angle of view | 110° |
| Dimensions | 62 mm x 220 mm |
| Blowout air pressure | 0,1 – 0,5 bar |
| Non-explosive design | II 1D/2D Ex tD A20/A21 T85°C II 3G Ex ic IIB T6 |

DIMENSION AND INSTALLATION OF LumEx1 ADAPTER



INSTALLATION ON PIPING

