LB 440
The right choice for standard applications

Using proven 2-wire technology
- The most commonly used radiometric detector worldwide
- Ideal for standard applications
- Proven 2-wire technology with separate evaluation unit and intrinsically safe power supply
- Very easy to use
- Radiation interference discrimination
- Highest reliability

Lead collimator for point detectors provides protection from background radiation and ensures high reliability and measurement accuracy

Stainless steel housing

Full Ex-i (intrinsically safe power supply)

Detector and terminal connection room offer increased safety

Slim and light design, also ideally suited for applications in dip pipes

For cascaded systems: Status messages of the Slaves are transferred to the Master. Complete functional monitoring of the slaves is possible.
Proven in thousands of applications – LB 440

The LB 440 offers proven 2-wire technology with a separate evaluation unit of the best quality. During the decades of its successful use, it has received many system optimisations. The more than 15,000 systems that are in operation today are an impressive proof of its high industrial standard. LB 440 has successful applications in SIL2 plants as well. The detector is slim and light, easy to mount and can be used for dip pipes. It is a system that provides unique versatility and reliability.

Separate evaluation unit with display

Radiation Interference Discrimination

The patented method for suppressing interference radiation makes this system especially reliable. The measurement continues without being interrupted even if interference radiation is present. The interference radiation is recognised due to its different kind of energy. The detector then switches to a second measurement channel and continues the measurement in an error-free manner. This patented method makes the LB 440 especially reliable and safe.

 Calibration using UNIBERT

UNIBERT makes calibration very convenient. All calibrating functions can be activated using a PC or laptop connected to the RS 232 interface. The results can be graphically displayed.