

Remote Sensor Head RC

With an infrared sensor head for flammable gases, refrigerants and carbon dioxide



Gas Detection.

Remote infrared sensor head with digital signal processing and integrated self-diagnostics for continuous monitoring of ambient air for specific gases.

The sophisticated design and the specially developed sensor housing allow for the implementation of any cable length, customized to meet specific requirements. This makes the RC remote sensor head ideally suited for all applications with a remote measurement point.

Benefits

- **Highest measurement** accuracy thanks to LED infrared technology
- **Digital signal** processing with intelligent sensor communication
- **Integrated self-diagnostics** for maximum operational reliability
- **Easy maintenance** thanks to on-site calibration capability
- **Optional automatic background calibration (ABC)** for convenient operation
- **Low zero-point drift and high signal stability** over long periods
- **Long sensor service life** with a lifespan of over 15 years
- **High resistance** to sensor poisoning and environmental influences
- **Flexible cable lengths** for individual installation requirements
- **Fast response times** for reliable gas leak detection



AVAILABLE GASES AND MEASUREMENT RANGES

Gas	Range	Sensor code
Carbon dioxide (CO ₂)	0 – 2 % vol	S164-C
Carbon dioxide (CO ₂)	0 – 20.000 ppm	S164-E
Carbon dioxide (CO ₂)	0 – 10.000 ppm	S164-F
Carbon dioxide (CO ₂)	0 – 1 % vol	S164-G
Difluoromethane (R32)	0 – 50 % LEL	S200-A
Propane (C ₃ H ₈)	0 – 100 % LEL	S480-A