

Infrared (IR) Sensors

Product code: 6851880 · Series: DrägerSensor IR



Dräger infrared sensors monitor explosive mixtures and CO₂ in the X-am 5600, 7000 and 8000 gas detectors. They are recommended where explosive gases occur frequently. The measuring range is from the lower explosive limit up to 100 vol.%, and 0-5 vol.% for CO₂. They are completely insensitive to poisoning; measurements in atmospheres containing hydrogen sulphide and silicones, or in inert atmospheres, do not affect sensor performance. Expected service life is over 5 years; low drift and a 12-month calibration interval keep the cost of ownership low. The Dual IR Ex/CO₂ sensor measures Ex and CO₂ with a single sensor, for example in the wastewater sector.

- 01 Monitoring of explosive mixtures and CO₂; recommended where explosive gases occur frequently
- 02 Measuring range: LEL up to 100 vol.%; 0-5 vol.% for CO₂
- 03 Completely insensitive to poisoning; measures in H₂S, silicone and inert atmospheres
- 04 Expected service life > 5 years; 12-month calibration interval, low drift
- 05 Dual IR Ex/CO₂: simultaneous Ex and CO₂ measurement with one sensor; compatible with X-am 5600/7000/8000

Technical data

BRAND	Dräger
MODEL	Infrared (IR) Sensors
GASES	Ex / LEL · CO ₂
COMPATIBLE DEVICES	X-am 5600 · X-am 7000 · X-am 8000

Variants

CODE
6851880
6800276
6851881
6851882
6800201
6800202
6800203