



AVIS X4

Portable multi-gas detector

AVIS X4 determines the concentration of combustible, toxic gases and oxygen (O₂) in the air of the working area. Ensures the safety of personnel in confined spaces and open areas of industrial facilities.

Reliable device with fast sensor response.





Features and benefits

- Determines the concentration of flammable, toxic gases and oxygen in the air of the working area;
- Simultaneous measurement of 1 to 4 gases;
- Temperature range from -55°C to +65°C;
- Wireless data transmission according to standards: ZigBee, Bluetooth, NB-IoT, MXair, LoRaWAN, LoRa, GSM, GPRS*;
- Non-volatile memory (no data loss when discharging) 65,500 records in the archive;
- Continuous operation time up to 20 hours from Li-ion battery;
- Fastening of a gas analyzer of the “Crocodile” type;
- Light signaling with a scattering angle of 360° (in all directions), sound 100 dB, vibration alarm;
- Intuitive control using one button;
- Case with Soft touch coating (does not slip out). Resistant to vibration and shock

- 2 years warranty
- 20 years service life

Gases measured	Measure up to 4 gases simultaneously
Temperature Range	-55°C to +65°C
Ex marking	PO Ex da ia I Ma X / 0Ex da ia IIC T4 Ga X PO Ex ia I Ma X / 0Ex ia IIC T4 Ga X 0Ex ia IIC T4 Ga X
Ingress Protection	IP66 / IP68
Sampling Method	Diffusion Forced*
Operating Pressure	80-120 kPa
Permissible Humidity	< 98% (non-condensing)
Indication	Status LEDs Frost proof OLED-display
Alarms	Indicating Lights Audible - 95 dB Vibration
Battery life	Up to 20 hours (on battery)
Wireless data transfer using protocols*	ZigBee, Bluetooth, NB-IoT, MXair, LoRaWAN, LoRa, GSM, GPRS
Archive	Up to 65 500 events
PC communication interface	IR port for communication with PC
Material	Rubberized impact resistant polymer
Color	Blue – standard Other colors – optional
Dimensions	60x113,5x45,5 mm
Weight	180 g
Interval between verifications	12 months

*Optional

Accessories



Mechanical pear with tube



Telescopic probe



Motorized sampling pump



Transmitter with USB cable



Charger for eight devices



Case with accessories

Scope of application

Underground workings of mines and their surface structures, hazardous in terms of mine gas and/or combustible dust, as well as explosive zones 0, 1 and 2 of premises and outdoor installations



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