

Sensor solutions for a better traffic safety



Tunnel sensors

More safety, less congestion – this is the main objective of traffic management in the future. Intelligent traffic monitoring systems will form the basis of modern traffic management technology. With our highly sophisticated measuring systems, we are on the right road to solving a few of these issues.

As the volume of traffic rises, the need to continuously monitor pollution levels is becoming increasingly important. Our tunnel sensors measure exhaust gases where they arise, thereby enabling effective monitoring and control of emissions, and ensuring that ventilation systems operate efficiently. Developed by experts

with many years of experience, our measuring systems are tailored to meet the requirements.



Tunnel sensors



VICOTEC320. 474
For the control of ventilation and for filter monitoring in road tunnels



VICOTEC410. 474
For ventilation control in road tunnels



FLOWSIC200 475
The tunnel flow velocity measuring device for long term operation



SMOTEC450. 475
Fast and reliable smoke detection for every type of tunnel





VICOTEC320 – at a glance

- Very low detection limits for NO and NO₂
- Automatic function monitoring and self-adjustment
- Very sturdy design in stainless steel
- Automatic beam alignment between sender/receiver unit and reflector

Your benefits

- Energy and cost savings for ventilation control due to very low zero offset and accurate measurement
- Low operational costs because no air aspiration system, no test gases and no ambient air required
- Low maintenance requirements due to long maintenance interval (1 year)

→ www.mysick.com/en/VICOTEC320

For more information, just enter the link or scan the QR code and get direct access to technical data, CAD design models, operating instructions, software, application examples and much more.



VICOTEC410 – at a glance

- Automatic adjustment function (AutoAdjust)
- Contamination check
- Menu-driven operation via evaluation unit

Your benefits

- Direct measurement without time lag
- Cost savings during operation and maintenance (especially for VICOTEC411)
- Flexible system integration with analog outputs or PROFIBUS

→ www.mysick.com/en/VICOTEC410

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FLWSIC200 – at a glance

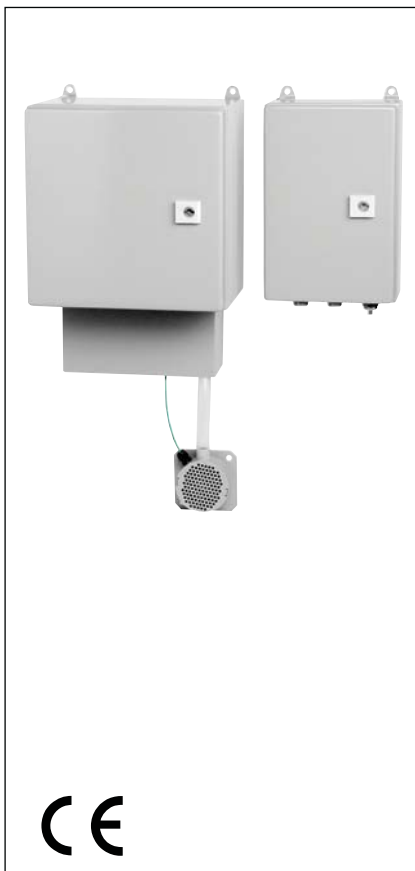
- Very large measuring distance possible
- Contact-free measurement
- Extremely rugged compounds made of titanium, stainless steel or die cast
- Versions for very corrosive atmospheres
- Determination of flow direction
- No mechanically moving parts

Your benefits

- Representative measurement across total tunnel width
- Very reliable measurement, compared with punctual measurement methods
- Accurate measurement of low flow velocities
- Long maintenance intervals up to 5 years
- Low operational costs due to reliable operation and low maintenance
- High availability of devices and therefore also of measurement data

→ www.mysick.com/en/FLWSIC200

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SMOTEC450 – at a glance

- Very fast and accurate scattered light measurement
- Automatic control functionalities
- Contamination check
- Heated chamber for evaporation of fog droplets
- Rugged enclosure made of stainless steel

Your benefits

- Early and reliable warning for optimum efficiency during self-rescue phase

→ www.mysick.com/en/SMOTEC450

For more information, just enter the link or scan the QR code and get direct access to technical data, CAD design models, operating instructions, software, application examples and much more.

