

# GAS SENSOR: Carbon monoxide (CO)



Type **SX-213**  
Installation In normal electric environment  
Gases **Carbon monoxide, Selective**

**Measuring principle:** SX- 213 is a tin oxide semiconductor based 4-20 mA transmitter, which measures the surrounding carbon monoxide concentrations with 1.sec intervals. The cross sensitivity for disturbance gases is relatively low.

SX-213 uses a new generation tin oxide semiconductor carbon monoxide sensor element, the measuring technique of which has been developed with all the experience, gathered by Sensorex over the years.

SX-213 sensors are suitable for carbon monoxide control in an industrial environment where circumstances are demanding. The sensor is calibrated with a so called "one man automatic calibration", which works without opening the casing of the sensor.

The sensor is thermostated and can be used in -30°C

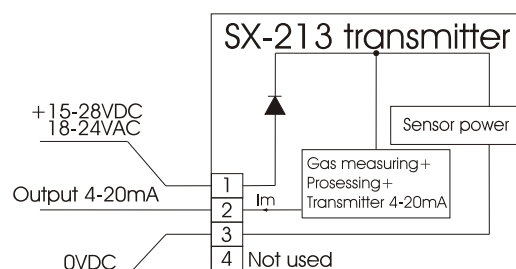
The SX-213-sensor can easily be connected directly to existing building-control automation or to e.g. operate an AC-inverter. Naturally the AVA-UNIT control units made by Sensorex can also be used as Central Units.

## Technical data:

Operating voltage	15-28VDC or 18-24VAC
Power consumption	approx. 0,5W max.10W
Output	4-20mA lin/log. or 2-10V
Standard meas.range	0-200/400 ppm
Operating temperature	-30...+55°C
Operating humidity	max. 98% RH (non-condensing)
Life expectancy	> 6 years
Response time	<120sec. (90%of full scale)
Service	In dusty conditions the sensor must be cleaned as per requirement.
Cross sensitivity	Flammable hydrocarbons.
Sensor cable	3-wire lead
Cable lead-through	PG 9
Cable	e.g. 3 x 0,5mm <sup>2</sup>
Wall Installation	Sensor cover must point down. (wall mounting bracket delivered with sensor.)



## SX-213 basic connection



จัดจำหน่ายโดย

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