

		Product type	Measuring range	Device type	Gasflow	Technology	Approvals	Output signal	Features
	PAROX 1200 Paramagnetic O2 Gas Sensor Module	Gas sensor module	0-25 % bis 100 %	Portable, Stationary	Forced flow	Paramagnetic	No	V, mA	Low Cross-sensitivity, Long lifetime, Long-term Stability
	PAROX 2x00 and Multi 2x00 Plus Series	Gas sensor Analyzer	0 to 100 %	Portable, Stationary	Forced flow	Paramagnetic	No	mA	Low Cross-sensitivity, Long lifetime, Long-term Stability
	PZA-MC25-N potentiometric zirconia oxygen (O2) gas sensor module	Gas sensor transmitter	0-1000 ppm, 0-25 %	Stationary	Flow by diffusion	Zirconia	No	4-20 mA	Zirconia, long lifetime, integrated transmitter
	PZA-MC25-P potentiometric zirconia oxygen (O2) gas sensor module	Gas sensor transmitter	0-1000 ppm, 0-25 %	Stationary	Forced flow	Zirconia	No	4-20 mA	Zirconia, long lifetime, integrated transmitter
	Electrochemical oxygen (O2) gas sensor modules analog/digital output	Gas sensor module	0...25 %	Portable, Stationary	Flow by diffusion, Forced flow	Electrochemical	No	4-20 mA, Digital (UART Modbus protocol)	Smallest electrochemical sensor in the world, Expected operating life > 36 month in normal operation, low cross sensitivity
	FCX-TR0025 amperometric oxygen (O2) gas transmitter	Gas sensor transmitter	0-25 %	Stationary	Flow by diffusion	Zirconia	No	4-20 mA	Zirconia, long lifetime, integrated transmitter
	FCX-TR0095 amperometric oxygen (O2) gas transmitter	Gas sensor transmitter	0.1-95 %	Stationary	Flow by diffusion	Zirconia	No	4-20 mA	Zirconia, long lifetime, integrated transmitter
	FCX-MC05-FLOW-CH amperometric oxygen (O2) gas sensor module	Gas sensor module	0-5 %	Stationary	Forced flow	Zirconia	No	0/4-20 mA, 0-10 VDC, RS232, RS485	Zirconia, long lifetime, integrated flow cell

		Product type	Measuring range	Device type	Gasflow	Technology	Approvals	Output signal	Features
	FCX-MC05-EXT-STD-030-A-CH amperometric oxygen (O ₂) gas sensor module	Gas sensor module	0-5 %	Stationary	Flow by diffusion	Zirconia	No	0/4-20 mA, 0-10 VDC, RS232, RS485	Zirconia, long lifetime, electronic board and sensor connected via a cable
	FCX-MC25-FLOW-CH amperometric oxygen (O ₂) gas sensor module	Gas sensor module	0-25 %	Stationary	Forced flow	Zirconia	No	0/4-20 mA, 0-10 VDC, RS232, RS485	Zirconia, long lifetime, integrated flow cell
	FCX-MLD25-DIFF-CH amperometric oxygen (O ₂) gas sensor module	Gas sensor module	0-25 %	Portable, Stationary	Diffusion, Forced flow	Zirconia	No	Rx/Tx, 3.3 V TTL level	Zirconia, long lifetime
	FCX-MC25-EXT-STD-030-A-CH amperometric oxygen (O ₂) gas sensor module	Gas sensor module	0-25 %	Stationary	Flow by diffusion	Zirconia	No	0/4-20 mA, 0-10 VDC, RS232, RS485	Zirconia, long lifetime, electronic board and sensor connected via a cable
	FCX-MC95-FLOW-CH amperometric oxygen (O ₂) gas sensor module	Gas sensor module	0-95 %	Stationary	Forced flow	Zirconia	No	0/4-20 mA, 0-10 VDC, RS232, RS485	Zirconia, long lifetime, integrated flow cell
	FCX-MC95-EXT-STD-030-A-CH oxygen (O ₂) amperometric gas sensor module	Gas sensor module	0-95 %	Stationary	Flow by diffusion	Zirconia	No	0/4-20 mA, 0-10 VDC, RS232, RS485	Zirconia, Long lifetime, Electronic board and Sensor connected via a cable
	FCX-MLD95-DIFF-CH amperometric oxygen (O ₂) gas sensor module	Gas sensor module	0-95 %	Portable, Stationary	Diffusion, Forced flow	Zirconia	No	Rx/Tx, 3.3 V TTL level	Zirconia, long lifetime
	FCX-ML25-FLOW-CH amperometric oxygen (O ₂) gas sensor module	Gas sensor module	0-25 %	Stationary	Forced flow	Zirconia	No	4-20 mA	Zirconia, long lifetime, integrated flow cell

		Product type	Measuring range	Device type	Gasflow	Technology	Approvals	Output signal	Features
	FCX-ML25-EXT-STD-030-A-CH amperometric oxygen (O ₂) gas sensor module	Gas sensor module	0-25 %	Stationary	Flow by diffusion	Zirconia	No	4-20 mA	Zirconia, long lifetime, electronic board and sensor connected via a cable
	FCX-ML95-FLOW-CH OEM amperometric oxygen (O ₂) gas sensor module	Gas sensor module	0,1-95 %	Stationary	Forced flow	Zirconia	No	4-20 mA	Zirconia, long lifetime, integrated flow cell
	FCX-ML95-EXT-STD-030-A-CH amperometric oxygen (O ₂) gas sensor module	Gas sensor module	0,1-95 %	Stationary	Flow by diffusion	Zirconia	No	4-20 mA	Zirconia, long lifetime, electronic board and sensor connected via a cable
	FCX-MP1000-EXT-FH-030-A-CH amperometric oxygen (O ₂) gas sensor module	Gas sensor module	0-1000 ppm	Stationary	Forced flow	Zirconia	No	4-20 mA	Zirconia, electronic board and sensor connected via a cable
	CARBONOX95 OEM oxygen (O ₂) and carbon dioxide (CO ₂) gas sensor module	Gas sensor module	0-10 % CO ₂ & 0-95 % O ₂ , 0-15%CO ₂ & 0-95 % O ₂ , 0-30 % CO ₂ & 0-95 % O ₂	Stationary	Forced flow	NDIR, Zirconia	No	RS232, 0/4-20 mA, 0-10 VDC	NDIR, Zirconia
	CARBONOX25 OEM oxygen (O ₂) and carbon dioxide (CO ₂) gas sensor module	Gas sensor module	0-10 % CO ₂ & 0-25 % O ₂ , 0-15 % CO ₂ & 0-25 % O ₂ , 0-30 % CO ₂ & 0-25 % O ₂	Stationary	Forced flow	NDIR, Zirconia	No	RS232, 0/4-20 mA, 0-10 VDC	NDIR, Zirconia
	P-41AGW electrochemical oxygen (O ₂) sensor analog/digital output	Sensor	0 10000 ppm, 0...5%	Portable, Stationary	Flow by diffusion, Forced flow	Electrochemical	No	2-4 mV @ 5%, I ₂ C (15 bit resolution)	High resolution, ppm oxygen electrochemical sensor
	PO2ES-103P electrochemical oxygen (O ₂) sensor - analog output	Sensor	0 100 %	Portable, Stationary	Flow by diffusion, Forced flow	Electrochemical	No	10 +/- 5 mV in air	Expected operating life > 60 month in normal operation, very low cross sensitivity and fast responding electrochemical sensor

		Product type	Measuring range	Device type	Gasflow	Technology	Approvals	Output signal	Features
	PO2ES-103PD electrochemical oxygen (O2) sensor - digital output	Sensor	0...25%, 0...100 %	Portable, Stationary	Flow by diffusion, Forced flow	Electrochemical	No	I2C, 15 bit resolution	Expected operating life > 60 month in normal operation, very low cross sensitivity and fast responding electrochemical sensor
	FCX-ULL-CH amperometric oxygen (O2) sensor	Sensor	0...1000 ppm	Portable, Stationary	Flow by diffusion, Forced flow	Zirconia	No	55 +/-25 µA in 1000 ppm oxygen	Zirconia, ppm oxygen sensor
	FCX-UL-CH amperometric oxygen (O2) sensor	Sensor	0...5 %	Portable, Stationary	Flow by diffusion, Forced flow	Zirconia	No	165 +/-30 µA in 5% oxygen	Zirconia,
	FCX-UC-CH amperometric oxygen (O2) sensor	Sensor	0...25 %	Portable, Stationary	Flow by diffusion, Forced flow	Zirconia	No	70 +/-10 µA in air	Zirconia, long lifetime, fast response time
	FCX-UWC-CH amperometric oxygen (O2) sensor	Sensor	0...95 %	Portable, Stationary	Flow by diffusion, Forced flow	Zirconia	No	14 +/-6 µA in air	Zirconia, long lifetime
	ES1-O2-25% solid polymer electrolyte oxygen (O2) sensor	Sensor	0 25 %	Portable, Stationary	Flow by diffusion, Forced flow	Electrochemical	No	45 +/-15 µA in air	Smallest electrochemical sensor in the world, Expected operating life > 36 month in normal operation, low cross sensitivity
	MLF-16 electrochemical oxygen (O2) sensor w. medical approval	Sensor	0 100 %	Portable, Stationary	Flow by diffusion, Forced flow	Electrochemical	Ja	9-13 mV in air	Expected operating life > 60 month in normal operation, very low cross sensitivity and fast responding electrochemical sensor



**SGX-VOX electrochemical
oxygen (O₂) sensor w. medical
approval**

Sensor

0...100 %

Portable,
Stationary

Flow by diffusion,
Forced flow

Electrochemical

No

9-13 mV in air

Electrochemical
cells, > 2 years in
operation, fixed
installations

		Product type	Measuring range	Device type	Gasflow	Technology	Approvals	Output signal	Features
	FCX-MEP2-F-CH amperometric oxygen (O₂) gas sensor module	Gas sensor module	0-25 %	Stationary	Flow by diffusion	Zirconia	No	4-20 mA	Zirconia, long lifetime
	FCX-MV-F-CH amperometric oxygen (O₂) gas sensor module	Gas sensor module	0-25 %	Stationary	Flow by diffusion	Zirconia	No	0-210 mV log.	Zirconia, Long lifetime
	FCX-MVL-F-CH amperometric oxygen (O₂) gas sensor module	Gas sensor module	0-25 %	Stationary	Flow by diffusion	Zirconia	No	0-250 mV	Zirconia, Long lifetime
	FCX-MW-F-CH amperometric oxygen (O₂) gas sensor module	Gas sensor module	0-95 %	Stationary	Flow by diffusion	Zirconia	No	0-2,6 VDC log.	Zirconia, long lifetime
	FCX-MWL-F-CH amperometric oxygen (O₂) gas sensor module	Gas sensor module	0-95 %	Stationary	Flow by diffusion	Zirconia	No	0-950 mV	Zirconia, long lifetime
	FCX-MWGP-2A-F amperometric oxygen (O₂) gas sensor module	Gas sensor module	75-95 %	Stationary	Flow by diffusion	Zirconia	No	1235 to 2669 mV	Zirconia, long lifetime

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