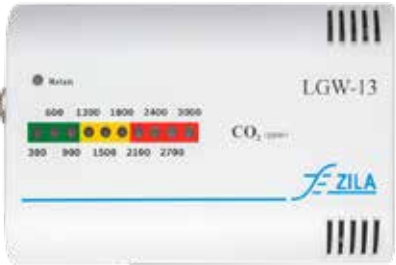




Overview gas measurement technology





	LGW-13	ZMF-100-IR	CSC-20
View			
Gas	Carbon dioxide	Carbon dioxide	Carbon dioxide
Description	Multifunctional CO2 sensor with LED display, switching outputs and integrated warning horn. Ideal for evaluation and monitoring of CO2-endangered areas.	Robust CO2 sensor in an aluminium housing with excellent long-term stability for measuring the CO2 concentration in the industrial environment.	The CSC-20 has an integrated CO2 sensor and can control fans for supply air and exhaust air depending on the measured CO2 concentration.
Operating voltage	24V DC 230V AC with power supply	24V DC	230V AC
Operating temperature	-10...+50 °C	-10...+50 °C	0...50 °C
measuring range	ppm: 3.000 5.000 10.000 20.000 30.000 50.000	ppm: 3.000 5.000 6.000 10.000 20.000 30.000 50.000	ppm: 0...10.000
Signal Output	0...10 V und 4...20 mA	0...10 V oder 4...20 mA	I ² C
Housing	IP20 plastic	IP54 Alu	ASA+PC (UL94 V-0), flame retardant
Special features	<ul style="list-style-type: none"> ✓ Bar graph display ✓ Potential-free switching output 24V 2A ✓ Audible warning signal 	<ul style="list-style-type: none"> ✓ Compact ✓ Robust ✓ Suitable for industrial use 	<ul style="list-style-type: none"> ✓ automatic, controlled ventilation ✓ Display to show the measured values ✓ suitable for building ventilation

Sales and consulting:
ZILA GmbH

phone: +49 (0)3681-8673020
Neuer Friedberg 5

eMail: info@zila.de
98527 Suhl

Overview gas measurement technology



	ZMF-200e-IR	ZMF-201e-IR	ZMF-202e-IR	ZMF-203e-IR
View				
Gas	Carbon dioxide	Methane	Propane	Sulphur hexafluoride
Description	High-quality CO2 sensor with wide measuring range for use in harsh environments down to -40 °C.	High-quality Methane sensor with wide measuring range for use in harsh environments down to -40 °C.	High-quality Propane sensor with wide measuring range for use in harsh environments down to -40 °C.	High-quality Sulphur hexafluoride sensor with wide measuring range for use in harsh environments down to -20 °C.
Operating voltage	12...24 V DC	12...24 V DC	12...24 V DC	12...24 V DC
Operating temperature	-40...60 °C	-40...60 °C	-40...60 °C	-20...50 °C
measuring range	ppm: 5.000 % vol.: 1 2 5 20	% vol.: 4,4 5 100	% vol.: 1,7 2,1	ppm: 0...1.000 0...2.000
Signal Output	4..20mA	4..20mA	4..20mA	4..20mA
Housing	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Special features	<ul style="list-style-type: none"> ✓ optical measuring principle ✓ SIL2 certification ✓ ATEX on request 	<ul style="list-style-type: none"> ✓ optical measuring principle ✓ SIL2 certification ✓ ATEX on request 	<ul style="list-style-type: none"> ✓ optical measuring principle ✓ SIL2 certification ✓ ATEX on request 	<ul style="list-style-type: none"> ✓ optical measuring principle ✓ SIL2 certification ✓ ATEX on request

Sales and consulting:
ZILA GmbH

phone: +49 (0)3681-8673020
Neuer Friedberg 5

eMail: info@zila.de
98527 Suhl

Overview gas measurement technology

	CS-11 + MV CAN		ZCS-5000
View			
Gas	Carbon dioxide		Carbon dioxide
Description	Digital CO2 sensor and CAN bus transmitter for measuring carbon dioxide concentration in mobile applications.		Stand-alone CO2 sensor for measuring the Carbon dioxide concentration in dispensing systems, office kitchens and rooms with CO2 bottles.
Operating voltage	I ² C-Bus	10...48 V	24V DC or 230V
Operating temperature	-0°C ... 50°C 0...85 % rH	-40°C ... +80°C	-40°C...+60°C
measuring range	0...5.000 ppm		0...5.000 ppm
Measuring grid	2 sec.		2 sec.
Housing	Plastic	Plastic	Plastic
Special features	<ul style="list-style-type: none"> ✓ optical measuring principle ✓ for mobile machinery 	<ul style="list-style-type: none"> ✓ optical measuring principle ✓ for integration in control racks 	<ul style="list-style-type: none"> ✓ optical measuring principle ✓ acoustic warning through integrated signal transmitter

Sales and consulting:
ZILA GmbH

phone: +49 (0)3681-8673020
Neuer Friedberg 5

eMail: info@zila.de
98527 Suhl