Product overview	Functional features	Technical parameters	The main function
 JM-LS858-11-A domestic combustible gas detector meets national standard: GB 15322.2-2019. This product is a high stability carbon monoxide gas alarm , used to detect the leakage of carbon monoxide (chemical formula CO) gas. We choose Combustion battery type carbon monoxide sensor , which has the characteristics of high stability and small sensitivity drift. The product adopts backlight digital LCD to display alarm concentration. When the alarm detects a carbon monoxide gas may be produced. Product diagram Wiring diagram of exhaust fan treaches the places where carbon monoxide gas may be produced. Umage: the places where carbon monoxide gas may be produced. Umage: the places where carbon monoxide gas may be produced. Umage: the places where carbon monoxide gas may be produced. Umage: the places where carbon monoxide gas may be produced. Umage: the places where carbon monoxide gas may be produced. Umage: the places where carbon monoxide gas may be produced. Umage: the places where carbon monoxide gas may be produced. Umage: the places where carbon monoxide the places where carbon the places where places where c	Ethictional reactives ELCD displays the alarm concentration of carbon monoxide gas Adapt MCU ControllING Automatic fault detection indication and display Alarm automatic reset function SMT technology, with strong stability Ac220V working voltage Operated with backup battery Design of high reliability sensor Relay output (3A/AC220V\$3A/DC28V) Range 0-990×10 ⁻⁶ (volume fraction) Wring installation guide The thickness of the conductor core should be appropriate, and improper connection will lead to carbon monoxide leakage In case of leakage, it can't alarm normally. Relay output line power cord provide display panel representation wor the display panel representation (volume fraction)	Working Voltage Ac220V Power consumption $\leq 2.5 W$ Accuracy 10×10^{-6} (volume fraction) Measurement range 0° 990 × 10^{-6} (volume fraction) Rated alarm value 200×10^{-6} (volume fraction) Sensor type electric chemical sensor When the carbon monoxide is more than 10 p LCD display the display starts, and the display atmospher $0^{\circ}990 \times 10^{-6}$ (volume fraction) Buzzer pressure $\geq 85 d B/m$ Response time $\leq 40^{\circ}$ Ambient temperature $-10 C \sim +55 C$ Ambient humidity $10\% \sim 90\%$ (no condensation) Overall dimension $138 * 90 * 40 mm$ Installation mode wall mounted or plug-in installation Sensor Life span 3 years Applicable gas type Co Communication interface UART	 Self-check: On the premise that the detector has no alarm or fa sound, long press the mute/self-check button, the indicator light flash several times in a circle, accompanied by the buzzer buzz Alarm: When the combustible gas in the monitoring air exceeds concentration set by the alarm, the buzzer sends out a rapid "di intermittent sound signal, the alarm indicator (red) flashes, and relay is closed at the same time to make the output device pow Connected. When the concentration of combustible gas reache concentration set by the alarm, the detector will automatically r

	4、 Please correct the wiring according to the wiring diagram. All wiring installation must comply with national and local laws, regulations and	Handling of police information		Handling of police information		tion	400PPM Frontal headache during 1 ² 2hours, after 3 hours threatening life	Reminder
	standards. The thickness of the wire core should be appropriate, and the wires connecting the detector and other auxiliary devices should	nd When the concentration of CO in the air reached or more than the set value, the detector will alarm automatically and continuously. Without inhaling air form the alarm area, you should: 1. Shut off the pipeline valve immediately 2. Open windows to make sure fresh air in and air circulation; 3. Extinguishall the fires, and DON'T use anything that can cause spark (such as lighter, matches, and etc.) 4. DON'T turn on/off any electric equipment; 5. Check the reason of gas leakage, and inform related department and professionals to handle. If confirmed as false alarm, you should check whether the installation position of the detector is appropriate. Al arm Records		Red light	flash CO gas	leakage	 BOOPPM During 45 minutes, dizzy, nausea, spasm, anesthesia during 2hours, die 2~3hours 1600PPM During 20 minutes, headache, dizzy, nausea, die within 1hour 	 The detectors wall-mounted, please make sure it screwed well after installed, and avoid to fall off and hit someone caused by screw loose If use not permitted or incompatible power supply, fire disaster, explosion, and other dangerous may be caused The product is including some small components such as screws. To avoid the dangerous to children (some possible asphyxia caused by
	have color markings to prevent the wires from being connected			Green ligh	nt flash Warm-	up		
Certicate of Quality	incorrectly. Inappropriate wiring will cause the sensor to fail to alarm normally when carbon monoxide gas leaks.			Green ligh	nt always on Workir	g well	3200PPM During 5~10 minutes, headache, dizzy, nausea, die within 30 minutes	
				Yellow light always on Fault inside		nside	6400PPM During 5~10 minutes, headache, dizzy, nausea,	swallowed the components and other dangerous) and unintentional
	Instructions Turn on the power to the alarm. The alarm enters the self-checking			Fault analysis and troubleshooting			die within 10°15 minutes 12800PPM Die within 1°2 minutes Notice	damage to the device by children, please put the device and components to the place where cannot be gotten by children,4. Please use the detector with permitted environment temperature, or
product name : Household combustible gas detector	state, and the buzzer beeps once. At this time, the green indicator, red indicator and yellow indicator light cycle twice, and the alarm enters			Fault	Reason	Solution	1. The product is CO detector, cannot be used for natural gas, lpg gas, CH4 property and the	 some fault may be caused 5. Please keep the detector and components away from rain and damp to ensure the device working well
	the preheating state. The LCD character increases by 1 to display and				1.Long time no power	Power on and aging 24hours		
test : qualified	preheat After about 180 seconds, the state is monitored normally. It is prohibited to use gas for testing during the warm-up period. If the external AC power supply fails, the detector will automatically switch to			or testing during the warm-up period. If the Alarm Records	LED always flash	2.Tested with gas when warm-up	Prohibit the test with gas when warm-up	work well 3. The detector must be maintained regularly as the manual asked 5. Please clean the dust from the surface of detector by vacuum cleaner monthly 6. Prohibit to clean the detector with detergent or solvent, otherwise the chemicals will cause permanent damage or transient pollution the sensor
Quality Department: QC008	sleep mode. When the carbon monoxide gas concentration reaches 0×10 ⁻⁶ (volume fraction), the LCD starts to display the gas concentration:		Records quantity:	3. The datum r	3. The datum point of sensor drifte	d Adjust the adun point again	SHENZHEN LONGSIN INTELLIGENCE TECHNOLOGY CO LTD	
Manufacturer :		Alarm records	250		Yellow light always on Sensor malfunction fault	unction fault Contact the agent to repair		
		Alarm recovery records	250	buzzer keeps beep	ing Sensor manunction rault			
Shenzhen Longsin Intelligence Technology Co., Ltd.	A. Comparison Carbon monoxide gas concentration PPM on the display panel represents 10 ⁻⁶ (volume fraction)	Fault records	120	Hazards	Hazards from CO		 7. Do not use air freshener, hair spray, paint, or other sprays nearby the detector 8. The detector lifespan is limited, it should be tested professionally every 	Address:Block B,Kaijieda Industrial Zone, Huachang Road,Dalang,Longhua Town,Baoan Distict,Shenzhen,China
		Failure recovery records	120		CO gas can anesthetize the central nervous system,			
		Power off records	60	and caused the asphyxia even death, CO poisonin (PPM means 10^{-6})		CO poisoning as below:	6 months 9. The detector can reduce accidents, but cannot make sure perfectly safe.	
		Power on records	60			centration can be	For your safety, please use the detector correctly, and be vigilant,	
		Sensor failure records	1	endured by healthy adult 200PPM After 2~3hours, slight headache feeble		adache feeble	strengthen your safety precautions.	

