FIRE
KILLS
YOU CAN
PREVENT IT

MAF
G A S   L L C

Be alert! Protect your assets!

FIRE
KILLS
YOU CAN
PREVENT IT

CE

MAF GAS CONTROL PANELS

UAE | OMAN | QATAR | INDIA

A SAFER WORLD IN THE MAKING!

A fire outbreak is a nightmare like no other. A small trigger is all you need to spark off a big, appalling calamity. That is why you need to be cautious and take all possible precautions to remain safe.

WELCOME TO THE WORLD OF MAF

MAF is one of the leading names in LPG and fire & safety, based out of the UAE. Right from manufacture and supply of Gas Leak Detection System, Fire Fighting and Fire Alarm equipment's to installing the most advanced fire combating utilities in buildings, MAF takes care of all your requirements when it comes to high-profile safety from the hazards of fire.

Founded in the year 2012 in the global city of Dubai, MAF offers turnkey solutions to an elite clientele that cuts across various business and social segments. MAF is one of the flagship brands of Dunes Capital Initiative, a UAE based business conglomerate that ventures into a diversified range of service segments.

Product is not only a statement in quality but furthermore in flexibility, sustainability, continuity and environmental protection. Brand takes prime position and is therefore the world's leading quality label. The label's first-place position is mainly due to positive ratings in the product categories "quality" and "security standards" along with the overall popularity of Brand across many Europe Countries.

عالم آمن في صنعه!

اندلاع الحرائق هو كابوس لا مثيل له. الزناد الصغير هو كل ما تحتاجه لإطلاق شرارة مروعة كبيرة. هذا هو السبب في أنك بحاجة إلى توخي الحذر واتخاذ جميع الاحتياطات الممكنة للحفاظ على سلامتك.

مرحبا بكم في عالم ماف

ماف الحريق الأمن والسلامه هي واحدة من الأسماء الرائدة في مجال الحرائق والسلامة ، ومقرها في دولة الإمارات العربية المتحدة. مباشرة من إنتاج وتوريد معدات مكافحة الحريق من أجل تثبيت أكثر مرافق مكافحة الحريق تطوراً في المباني ، تتولى شركة ماف كل متطلباتك عندما يتعلق الأمر بالسلامة العالية من مخاطر الحريق.

ست في عام 2012 في مدينة دبي العالمية ، تقدم ماف حلولاً متكاملة لعملاء النخبة التي تتقاطع مع مختلف قطاعات الأعمال والقطاع الاجتماعي. مستوحاة من رؤية رئيسنا ماجد عبيد جمعة بن ماجد الفلاسي ، ماف هي واحدة من العلامات التجارية الرائدة في شركة Dunes Capital Initates ، وهي مجموعة أعمال تجارية مقرها دولة الإمارات العربية المتحدة تعمل في مجموعة متنوعة من قطاعات الخدمات.

ولا يعتبر الانتاج في ألمانيا بياناً فقط للجودة بل للمرونة والاستدامة والاستمرارية والحماية البيئية أيضا. فمصطلح صنع في ألمانيا يأخذ موقع ممتاز وبالتالية فهو يمثل علامة جودة رائدة عالمية ويرجع موقع المقام الأول للعلامة إلى تصنيفات إيجابية في فئات المنتج من حيث «الجودة» و «معايير الأمان» مع الشهرة الشاملة ل « صنع في ألمانيا » في الكثير من الدول في العالم.

BH-50-TOUCH SCREEN(7.0 INCH)

The product adopts industrial touch 4.3-inch LCD screen, featuring high stability, high accuracy and high intelligence, and rich external control ports.

INTRODUCTION

This product is an intelligent controllable system for signal input of 8-channel/16-channel/32-channel (4-20) mA/RS485 transmitter developed by the company. The product adopts industrial touch 4.3 inch / 7 inch LCD screen, featuring high stability, high accuracy and high intelligence. The external control port is rich, users can freely choose the type of plug-in transmitter and access port, and set it easily. On-site inspection and alarms are available. The system has integrated sound and light alarms and provides a relay normally open control terminal.

The system is widely used in applications where toxic and harmful gases need to be detected. When the index of a certain gas to be tested in the field exceeds or falls below the set standard, the system will perform a series of alarm actions, such as alarm, exhaust, tripping, etc.

Detection principle: Collect standard 4~20mA signal input or RS485 communication input (optional), analyze and display the current gas concentration of each channel, and operate related alarm signals, and transmit the information to the computer through RS485 bus.

Applicable objects: The system supports input signals of various standard detectors, such as gas detectors: carbon monoxide, hydrogen sulfide, sulfur dioxide, hydrogen, ammonia, oxygen, chlorine and combustible gases.

SPECIFICATIONS

Product	BH-50-Touch Screen(4.3 inch)
External port	8 roads, 16 roads, 32 roads
Display method	4.3inch/7inch Industrial touch LCD screen
Operating Voltage	220V±10%, 50Hz
System power consumption	≤10W
Signal input	Two-wire 4~20mA, Three-wire 4~20mA, Four-wire 4~20mA or RS485
Signal output	Two-wire RS485 (MODBUS)
Operating temperature	-10°C~50°C
Working humidity	0-95%RH (no condensation)
Relay control port	Passive relay output, full load power 1kW
Installation method	Wall mounting
Dimensions (4.3 inch screen)	380x230x10mm (L*W*H)
Dimensions (7-inch screen)	440x290x10mm (L*W*H)

Model	Range	L-alarm	H-alarm
CO	0-1000ppm	35ppm	200ppm
O2	0-30%vol	19.5%vol	23.5%vol
H2	0-100%LEL	20%LEL	50%LEL
H2S	0-100ppm	10ppm	20ppm
CH4	0-100%LEL	20%LEL	50%LEL
C2H4O	0-20ppm	10ppm	15ppm
C2H4	0-100%LEL	20%LEL	50%LEL
C3H8	0-100%LEL	20%LEL	50%LEL
C2H5OH	0-100%LEL	20%LEL	50%LEL
NH3	0-100ppm	25ppm	50ppm
CL2	0-20ppm	5ppm	10ppm
O3	0-20ppm	5ppm	10ppm
SO2	0-100ppm	2ppm	5ppm
PH3	0-20ppm	0.3ppm	5ppm
CO2	0-50000ppm	1000ppm	2000ppm
NO	0-250ppm	20ppm	50ppm
NO2	0-20ppm	5ppm	10ppm
HCN	0-500ppm	10ppm	20ppm
HCL	0-50ppm	10ppm	20ppm
CH2O	0-10ppm	2ppm	5ppm
VOC	0-100ppm	20ppm	50ppm
C6H6	0-100ppm	20ppm	50ppm

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BH-50 GAS CONTROL PANEL-FOUR ROAD

The product has high stability. With high accuracy and high intelligence, the external control port is rich, and the user can freely choose the type of the connected transmitter and the access port

INTRODUCTION

This product is a single-channel / dual-channel / four-way (4-20) mA / RS485 transmitter signal input intelligent control system developed by the company. The product has high stability. High accuracy and high intelligence, the external control port is rich, the user can freely choose the type of the connected transmitter and the access port, and can perform on-site detection and alarm by simple setting. The system has integrated sound and light alarms and provides a relay normally open control terminal.

The system is widely used in applications where toxic and harmful gases need to be detected. When the index of a certain gas to be tested in the field

exceeds or falls below the set standard, the system will perform a series of alarm actions, such as alarm, exhaust, tripping, etc.
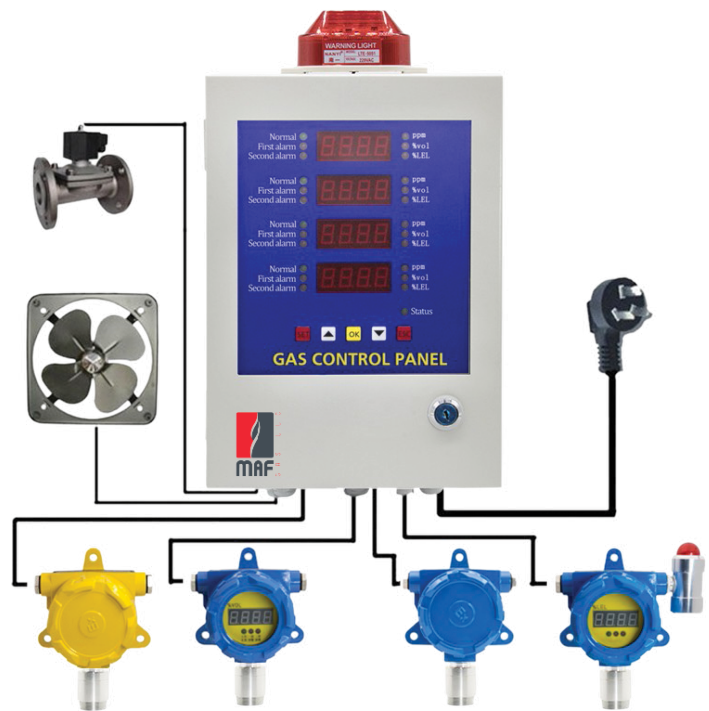
Detection principle: Collect standard 4~20mA signal input or RS485 communication input (optional), analyze and display the current gas concentration of each channel, and operate related alarm signals, and transmit the information to the computer through RS485 bus.

Applicable objects: The system supports input signals of various standard detectors, such as gas detectors: carbon monoxide, hydrogen sulfide, sulfur dioxide, hydrogen, ammonia, oxygen, chlorine and combustible gases.

SPECIFICATIONS

Product type:	BH-50 Gas controller
Channel:	Single channel,two channels,four channels
Power supply:	AC220V±10% 50Hz
Consumption:	≤10W
Signal input:	Two-wire 4~20mA, Three-wire 4~20mA, Four-wire 4~20mA or RS485
Single output:	Two-wire RS485 (MODBUS)
Working temperature:	-10°C~50°C
Working humidity:	0-95%RH (no dew)
Contact output:	Free contact output, max power 1kW
Installation method:	Wall-mounted
Dimensions:	380x210x80mm(L×W×H)

MEASURABLE GAS LEVEL

NO.	gas	Range	Detection Accuracy	90% Response Time	Minimun Readout	Alarm Set Point Low/High
1	PH3	0-2000ppm	±5%(F.S)	≤25s	0.01ppm	0.3/5ppm
2	O2	0-30%vol	±5%	≤15s	0.10%	19.5%/23.0%
3	EX	0-100%LEL	±5%(F.S)	≤5s	1%LEL	25.0%/50.0%LEL
4	CO	0-1000ppm	±5%(F.S)	≤25s	1ppm	50ppm/100ppm
5	CO2	0-5000ppm	±5%(F.S)	≤25s	1ppm	1000ppm/2000ppm
6	H2S	0-100ppm	±5%(F.S)	≤30s	1ppm	10ppm/20ppm
7	NO2	0-20ppm	±5%(F.S)	≤25s	0.1ppm	3ppm/10ppm
8	NO	0-250ppm	±5%(F.S)	≤60s	1ppm	25ppm/50ppm
9	SO2	0-100ppm	±5%(F.S)	≤30s	0.1ppm	2ppm/10pppm
10	CL2	0-20ppm	±5%(F.S)	≤30s	0.1ppm	1ppm/10ppm
11	NH3	0-100ppm	±5%(F.S)	≤50s	1ppm	25ppm/50ppm
12	H2	0-1000ppm	±5%(F.S)	≤60s	1ppm	50ppm/10ppm
13	HCN	0-50ppm	±5%(F.S)	≤200s	0.1ppm	10ppm/20ppm
14	HCL	0-20ppm	±5%(F.S)	≤60s	0.1ppm	5ppm/10ppm
15	CH4	0-100%LEL	±5%(F.S)	≤5s	1%LEL	25.0%/50.0%LEL

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K-G60 FIXED GAS DETECTOR

K-G60 fixed gas detector is a new type of gas detector developed in combination with the company's many years of experience in gas detection. It is used to detect the concentration of flammable gases or other toxic and harmful gases in the air

INTRODUCTION

K-G60 fixed gas detector is a new type of gas detector developed and produced by the company's many years of experience in gas detection. It is used to detect the concentration of flammable gases or other toxic and harmful gases in the air. When the concentration reaches or exceeds the preset alarm value. At the same time, the controller will give an audible and visual alarm, and promptly take measures to prevent the explosion and poisoning accidents, thus ensuring the safety of life and property.

The product has the advantages of stable signal, high precision, rapid response, long life, short polarization

time, etc. It adopts industrial grade sensor, the instrument casing adopts explosion-proof explosion-proof structure design, 4-20mA standard signal or directly enters DOS system, which can be widely used. In the metallurgical, petroleum, chemical, municipal and other industries, it is at the leading level of similar products in China.
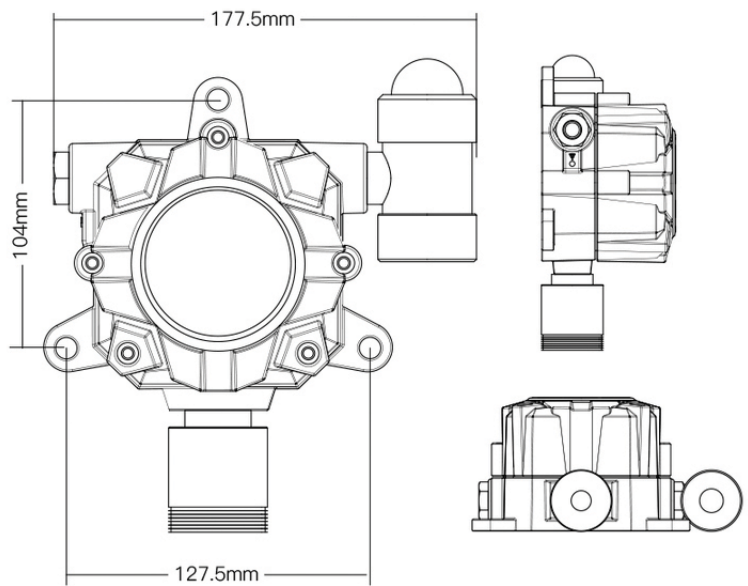
The outer casing is made of die-cast aluminum shell with flameproof structure. The groove of the upper cover is designed to lock the casing. The front of the sensor is designed as a downward structure to ensure good contact between the sensor and the gas. The inlet is made of explosion-proof waterproof joint.

SPECIFICATIONS

Product	BH-60 fixed gas detector/transmitter
Explosion proof grade:	Exd II C T6 Gb
Response time:	<30S
Power supply:	DC24V±10%
Working Condition:	Combustible Gas: Temp: -40°C ~ 70°C Toxic Gas: Temp: -20°C ~ 50°C
Output current:	4-20mA
Working humidity:	0-95%RH
Contact output:	Free contact output, max power 1kW
Installation method:	Wall-mounted
Shell material:	Aluminum
Dimensions:	190x150x95mm (L×W×H)
Protection Degree	IP55 Signal
Signal input/output	Three-Wire 4-20mA, Four-Wire 4-20mA or RS485

MEASURABLE GAS LEVEL

NO.	gas	Range	Detection Accuracy	90% Response Time	Minimun Readout	Alarm Set Point Low/High
1	PH3	0-2000ppm	±5%(F.S)	≤25s	0.01ppm	0.3/5ppm
2	O2	0-30%vol	±5%	≤15s	0.10%	19.5%/23.0%
3	EX	0-100%LEL	±5%(F.S)	≤5s	1%LEL	25.0%/50.0%LEL
4	CO	0-1000ppm	±5%(F.S)	≤25s	1ppm	50ppm/100ppm
5	CO2	0-5000ppm	±5%(F.S)	≤25s	1ppm	1000ppm/2000ppm
6	H2S	0-100ppm	±5%(F.S)	≤30s	1ppm	10ppm/20ppm
7	NO2	0-20ppm	±5%(F.S)	≤25s	0.1ppm	3ppm/10ppm
8	NO	0-250ppm	±5%(F.S)	≤60s	1ppm	25ppm/50ppm
9	SO2	0-100ppm	±5%(F.S)	≤30s	0.1ppm	2ppm/10pppm
10	CL2	0-20ppm	±5%(F.S)	≤30s	0.1ppm	1ppm/10ppm
11	NH3	0-100ppm	±5%(F.S)	≤50s	1ppm	25ppm/50ppm
12	H2	0-1000ppm	±5%(F.S)	≤60s	1ppm	50ppm/10ppm
13	HCN	0-50ppm	±5%(F.S)	≤200s	0.1ppm	10ppm/20ppm
14	HCL	0-20ppm	±5%(F.S)	≤60s	0.1ppm	5ppm/10ppm
15	CH4	0-100%LEL	±5%(F.S)	≤5s	1%LEL	25.0%/50.0%LEL

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BH-60 FIXED GAS DETECTOR

BH-60 fixed gas detector adopts advanced catalytic gas sensor or electrochemical sensor, which can translate the gas concentration in the air to the digital signal output. The detector working with gas controller can be used to detect gas in refinery, chemical plant, LPG station, boiler room, painting plant and other places with gas exists

INTRODUCTION

BH-60 fixed gas detector adopts advanced catalytic gas sensor or electrochemical sensor, which can translate the gas concentration in the air to the digital signal output. The detector working with gas controller can be used to detect gas in refinery, chemical plant, LPG station, boiler room, painting plant and other places with gas exists.

SPECIFICATIONS

Product	BH-60 fixed gas detector/transmitter
Explosion proof grade:	Exd II C T6 Gb
Response time:	<30S
Power supply:	DC24V±10%
Working Condition:	Combustible Gas: Temp: -40°C ~ 70°C Toxic Gas: Temp: -20°C ~ 50°C
Output current:	4-20mA
Working humidity:	0-95%RH
Contact output:	Free contact output, max power 1kW
Installation method:	Wall-mounted
Shell material:	Aluminum
Dimensions:	190x150x95mm (L×W×H)
Protection Degree	IP55 Signal
Signal input/output	Three-Wire 4-20mA, Four-Wire 4-20mA or RS485

| Standard option | With sound and light alarm | Standard option | With sound and light alarm | With LED display | With sound, light alarm and LED display |

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BH-H3 GAS DETECTOR EASY FOR WIRE CONNECTION

RESET

POWER   W-UP

RESET   TEST

POWER   W-UP   FAULT   ALARM

82mm

43mm

108mm
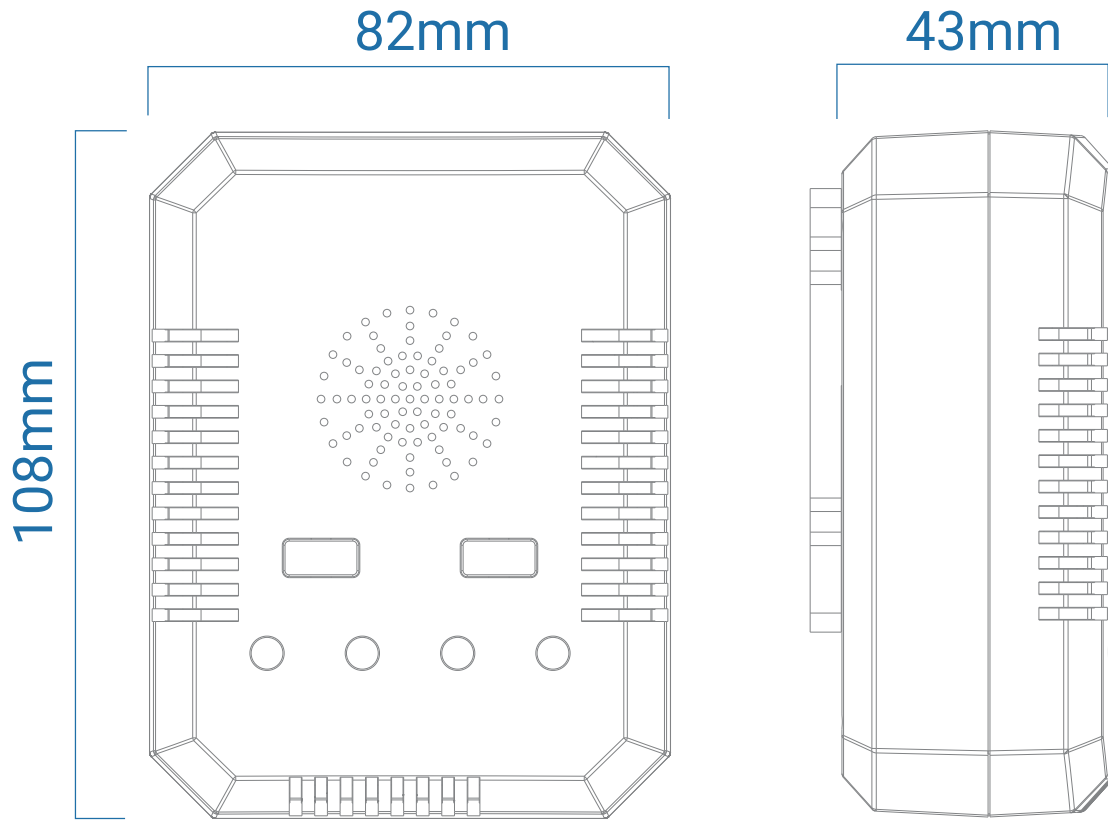
Size: 108x82x43mm

FEATURES

CE approval	Wall Mounted
Reliable, easy and simple installation	High quality sensor
Audio, Visual Indicators	High accuracy, low consumption
MCU control	Available Optional Relay or Valve ouput
Fault self checking function	Fast response, Reset function
Auto resumed	Excellent Smoke Resistant Performance

SPECIFICATIONS

Range:	0-100% LEL Natural gas or LPG	Alarm Point:	10%±3% LEL
Alarm Method:	Audio, Visual Indicators	Sensor:	Semiconductor sensor
Sensor life:	5 years	Method of Detection:	Diffusion
Power:	220V/110V±15% AC/50Hz	Consumption:	≤4W
Response Time:	≤20S	Resume Time:	≤20S
Temperature:	-20°C~50°C	Humidity:	5 to 95% RH, non-condensing
Weight:	350g	Dimensions:	108×82×44 mm
Sound:	85 dB at 1m	Relay Output:	NO or NC

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BH – H1 HOUSEHOLD GAS ALARM

This product is a gas alarm, which has high sensitivity, high stability and small size

INTRODUCTION

This Product is Flammable Gas alarm, it has high sensitivity, high stability and small size. Advanced ARM microprocessor control. A Variety of alarm functions are available.

The flammable gas alarm adopts high- performance sensor, which has the characteristics of high stabilizer, high sensitivity, small drift, etc.

It is widely used in places where flammable gas leakage may occur, such as home, hotel, apartment, shopping mall, etc..., for safety monitoring, can be effective protects the safety of national people and property.

TECHNICAL PARAMETERS

Work Vol	AC220V ± 15%
Work Tem	-10°C~50°C
Work Humidity	≤97%RH
Max Power	<1W
Set Value	5% LEL
Alarm Volume	75Db

SPECIFICATIONS

Model	Range	L-alarm	H-alarm
CO	0-1000ppm	35ppm	200ppm
O2	0-30%vol	19.5%vol	23.5%vol
H2	0-100%LEL	20%LEL	50%LEL
H2S	0-100ppm	10ppm	20ppm
CH4	0-100%LEL	20%LEL	50%LEL
C2H4O	0-20ppm	10ppm	15ppm
C2H4	0-100%LEL	20%LEL	50%LEL
C3H8	0-100%LEL	20%LEL	50%LEL
C2H5OH	0-100%LEL	20%LEL	50%LEL
NH3	0-100ppm	25ppm	50ppm
CL2	0-20ppm	5ppm	10ppm
O3	0-20ppm	5ppm	10ppm
SO2	0-100ppm	2ppm	5ppm
PH3	0-20ppm	0.3ppm	5ppm
CO2	0-50000ppm	1000ppm	2000ppm
NO	0-250ppm	20ppm	50ppm
NO2	0-20ppm	5ppm	10ppm
HCN	0-500ppm	10ppm	20ppm
HCL	0-50ppm	10ppm	20ppm
CH2O	0-10ppm	2ppm	5ppm
VOC	0-100ppm	20ppm	50ppm
C6H6	0-100ppm	20ppm	50ppm

Warm-up state
The indicator light and ring light remain solid green for one minute

Normal Status
Ring light stays green and blinks

Alarm status
The ring light stays red and flashes a beeping sound

Willing to Exhaust All Wisdom And Color Responsible for Your Family

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