

## EN Solight 1D37 Flammable Gas Detector



Dear Valued Customer, allow us to thank you for purchasing our product. Read and follow the following instructions carefully. Doing so will avoid improper use or damage to the product. Carefully keep the present operating manual. Intended for indoor use. Never expose to environments with high humidity (such as bathroom), avoid contact with fluids.

### Introduction

This device is designed to detect flammable gases that may leak from mains or general household appliances. However, it cannot detect the toxic carbon monoxide (CO) or smoke. The detector is capable of detecting liquefied petroleum gas, natural gas, coal gas, methane, propane and butane.

butane	heavier than air
methane	lighter than air
propane	heavier than air
coal gas	lighter than air
natural gas	lighter than air
liquefied petroleum gas	heavier than air

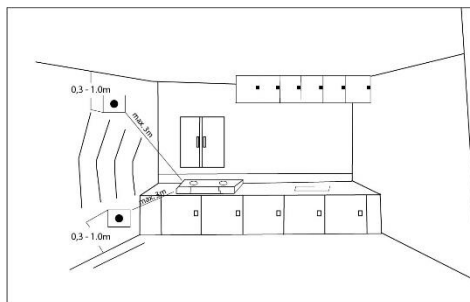
### Installation

As shown in the table above, some gases are lighter than air and others are heavier. Therefore, it is important to realize what gas may start to leak and to choose the proper location accordingly. Do not place the device to locations exposed to draughts, close to ventilation devices or other areas that may logically affect proper operation.

**Gas lighter than air:** Place the detector 0.3 to 1m from the ceiling within 3m of the gas appliance.

**Gas heavier than air:** Place the detector 0.3 to 1m from the floor within 3m of the gas appliance.

Insert a rechargeable 9V battery into the battery compartment. Now place the detector to the selected location and plug it into a 220-240V, 50Hz power socket. The green LED will go on and the light LED will start flashing. After approx. three minutes the device is ready to detect flammable gases.



### Alarm

The device will trigger an audible and visual (red flashing LED) signal upon detection of an identifiable gas at a concentration exceeding 2500PPM. In this case, close the gas supply and ventilate the room. In case of occurring false alarms, check the correct location of the device.

### Maintenance

Wipe the device with a dry or slightly damp cloth at monthly intervals. Do not use detergents or inject anything into the device. Have the device checked by a service centre or a specialist half-yearly.

### Parameters

Sensor sensitivity	2500PPM (±1500PPM)
Sensor service life	3 years

Backup battery life	2 hours standby mode / 30 minutes alarm
Audible signal	85dB / 0.3m
Dust and water ingress protection	IP30
Cable length	135cm
Operating temperature / humidity	0 – 50°C / 10 – 95%

This flammable gas detector has a certificate confirming its compliance with the requirements of the Czech technical standard ČSN-EN 50194-1:2009, Electrical apparatus for the detection of combustible gases in domestic premises. Compliance with this standard has been confirmed by the independent research laboratory ISET (Testing Certification Technology).

Certificate number: IT111935JB160325S; Test Report No.: POCE16072203BRS

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