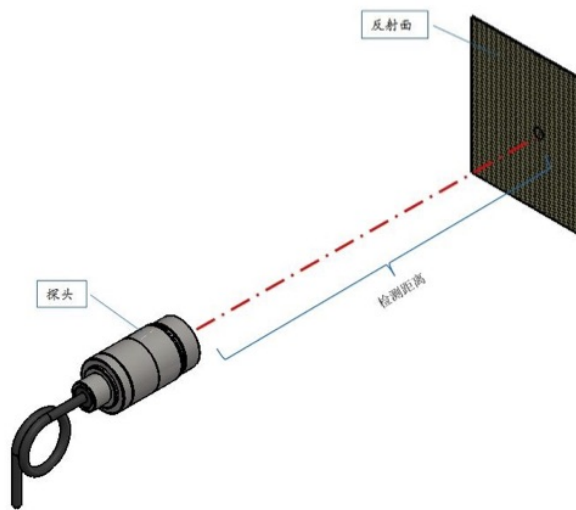




## LROH11-M44



- √ Intrinsically safe product, Anti-Explosive structure.
- √ Highly selective to certain gases, such as CH<sub>4</sub>, anti-interference of other gases, Vapor, or dust.
- √ Compact, easy to be installed.
- √ Super lower power consumption (< 1W)
- √ Fast Response time, wide measuring range, high accuracy.
- √ highly reliable, stable, normally maintenance free.
- √ Anti-vibration, waterproof, dustproof.
- √ Buzz + Flash + Vibration.
- √ Optional and customized in interface setting.
- √ Can be integrated into other devices and instruments.

### ► Parameters

Item	Parameters	Unit	Comments
Detection gas	CH <sub>4</sub> (Methane)	-	CH <sub>4</sub> ( optional for NH <sub>3</sub> 、 HCL)
Detecting principle	TDLS	-	-
Detecting distance	0.5-5m	m	5m with special reflection surface
Detecting range	0~70000ppm-m		
Sensitivity	10ppm-m PP.m		
Measuring accuracy	±10% @ 100 ppm-m (1m)		
Response time	1	s	-
Size	D48*125mm	mm	-
Weight	1.5kg	kg	-
Resolution	1 ppm-m	-	-
Package material	SUS 316L	-	-
Type	infrared laser type	-	-
Calibration	No routine Calibration required	-	-
Protection grade	IP67	-	-
Certificate	CNEX/CE-ATEX /EMC		
Laser Eye Safety	Class IIIa ( wavelength 1512)		



### ► Working conditions

Item	Parameters	Unit	Comments
Power	<1	w	-
Power supply	5VDC	-	-
Operating temperature	-20°C ~ 50°C	°C	-
Environment Pressure	80kPa-116kPa	Pa	Can be customized
Operating Humidity	≤99%	-	-

### ► Accessories

- ◆ module
- ◆ Reflection plate