

Status Scientific Controls

gas detection technology...



Flammable Gas Sensor Type GSH3 with excellent resistance to catalytic poisons

ATEX Certified II 2 G EEx d IIC



FEATURES INCLUDE: -

- Stainless steel housing
- For use with suitable separately certified industry standard junction boxes
- Operating voltage 2.5v +/- 0.25
- Bridge Circuit – 3 wire
- Compact Size
- ATEX Ex d Certified
- Sensors have excellent resistance to catalytic poisons
- Measuring Range 0-50% LEL
- Various mounting threads available M20, 1/2" NPT, 3/4" NPT

Specification

Type	Flammable Bullet
Housing Material	Stainless Steel
Body Dimensions	40 mm Diameter x 61 mm Long (including a thread length of 15mm)
Weight (approx)	280 grams
Operating Temp	-10°C to +60°C
Storage Temp	-20°C to +60°C
Humidity Range	0 to 95% R.H. Non-condensing
Bridge Supply	2.5v +/- 0.25 @170mA
Electrical Output	3 Wire Bridge
Explosion Protection	Flameproof Ex d
Environmental Rating	IP66
Gas Type	Flammable gases including Hydrogen
Sensor Type	Pellistor
Measuring Range	0-50% LEL
Response Time	T90 = <30sec

Hazardous Area Certification

Certificate numbers	KEMA 06ATEX0107U II 2 G EEx d IIC
Standards	EN 50014 : 1997 + A1 + A2, EN 50018 : 2000 + A1
Ambient Temperature	-20 to +60 ° C
Zones	1 & 2



Designed and Manufactured in the UK

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