

TECHNICAL SPECIFICATION

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|--------------------------|---|
| Applications | Car parks, boiler/plant rooms, commercial/public buildings |
| Sensing Principle | Catalytic combustion - continuous diffusion |
| Classification | Certified flameproof - IECEx / ATEX Exd IIC T6 Gb Extb IIIC T85°C D6 |
| Certificates | SIRA 08ATEX1313X IECEX/SIR08.0123X |
| Operating Range | 0-100%LEL |
| Operating Voltage | 2.5v DC \pm 0.25v |
| Operating Current | 170mA \pm 10mA |
| Housing Material | Stainless steel 316-S16 |
| Dimensions | Body length 24mm Dia 20mm Thread length 19.2mm Distance across flats 22mm |
| Thread | 20mm 1.5mm pitch options: 25mm 1.5mm pitch, 3/4 NPT-14, customer specification |
| Weight | 35 grams |
| Lead Length | 120mm - other options |

PERFORMANCE DATA

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|---------------------------|----------------------------|
| Sensitivity | >20mV/1% Methane |
| Zero Stability | < \pm 8% FSD/year |
| Response Time T90 | <10 seconds to 1% Methane |
| Ingress protection | IP63 + weather shield IP64 |
| Operating Life | >5 years clean environment |
| Humidity | 0-95% RH non-condensing |

GENERAL

| | |
|------------------------------|-------------------------|
| Part No. | 001-401 |
| Design Patent. | UK - No. 3023846 |
| Others pending | EU - No. 000546007-0001 |
| Junction Box Housings | Data sheet C389 |
| Alarm Panels | Data sheet C320 |

ACCESSORIES

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|---|----------------|
| Weather Shield | Pt No. 003-061 |
| Universal Fitting | Pt No. 003-064 |
| Collector Cone & Universal Fitting | Pt No. 003-062 |
| Flow Block | Pt No. 003-063 |



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