



Certificate of ATEX Component Conformity

In accordance with EN ISO / IEC 17050-1:2010

ZELPELL MIDI and MAXI

Declaration Number: 2004Y1000_04

Description: Type MIDI 1, MIDI 2, and MAXI B plug-in, open terminal gas sensors

Intended Use: Intended for assembly as part of an intrinsically safe stationary or portable combustible gas detection instrument

Manufacturer: Honeywell Analytics Limited.
Hatchpond House, 4 Stinsford Road, Poole, Dorset. BH17 0RZ. UK

Trading Company: Life Safety Distribution GmbH
Javastrasse 2, 8604 Hegnau, Switzerland

The functional performance of apparatus using these components and compliance with the applicable European Directives is the responsibility of the manufacturer of the equipment and/or the end user.

The letter "U" placed after the certificate number indicates that this certificate is for certification of the component only and that a further ATEX EU-Type Examination certificate will be required for equipment or protective systems. This declaration is issued under the sole responsibility of the manufacturer.

ATEX Directive 2014/34/EU

ATEX Hazardous

Notified Body: SGS Fimko OY
P.O. Box 30 (Sarkiniementie 3), 00211 Helsinki, Finland.

Notified Body Number: 0598

EU Certificate Number: Baseefa08ATEX0284U

Conforms to:

IEC 60079-0:2011

IEC 60079-1:2014

Explosive atmospheres. General requirements

Explosive atmospheres. Equipment protection by flameproof enclosures 'd'

Type Approval:  II 2G Ex db IIC Gb

Production Quality Assurance

Notified Body: CSA Group Netherlands
Utrechtseweg 310, Building B42, 6812 AR ARNHEM, Nederland

Notified Body Number: 2813

QA Notification Number: Sira 11 ATEX M518

Conforms to:

IEC 80079-34:2011

Explosive atmospheres. Application of quality systems for equipment manufacture



General Specification

Operating Temperature:	Midi Type 1: -55°C to +55°C Midi Type2: -55°C to +80°C Maxi B: -55°C to +55°C
Housing Material:	Midi Type 1: Aluminium Alloy (BS4300) – 12.6gms Midi Type 2: Stainless Steel (BS 970/AISI 316/316L) – 24.9 gms Maxi B: Stainless Steel (BS 970/AISI 316/316L) – 43.9 gms
Sinter:	Stainless Steel ANSI 316
Certified Power Dissipation:	Midi Pmax 0.4W Vmax 9V Maxi PMax 1.0W V Max 9V
Labelling:	Metalized polyester

Specific Conditions of Use:-

1. The Zellpell Midi and Maxi Gas Sensors must only be connected to appropriately Intrinsically Safe circuits.
2. The sensors have been assessed as suitable for use within the following ambient temperature ranges and produce the indicated maximum surface temperature rises in normal operation.

Type	Ambient Temperature Range	Temperature Range (K)
Midi 1	-55 °C to +55 °C	28
Midi 2	-55 °C to +80 °C	28
Maxi B		36

3. These devices are intended for use at normal atmospheric pressures only and should not be used where the ambient pressure exceeds 1.1 bar
4. The sensors are considered to be self-contained sealed units with no repairable parts or maintenance requirements (excepting equipment calibrations)

Signature:

Name: Richard King
Regulatory Group Leader

Date: 16th October 2019

For and on behalf of: **Honeywell Analytics Limited**
Hatch Pond House, 4 Stinsford Road, Poole, Dorset. BH17 0RZ United Kingdom



Annex A

ZELLPELL MIDI and MAXI

ATEX Directive 2014/34/EU

EN 60079-0:2011	Baseefa08ATEX0284U /03 GB/BAS/ExTR12.0169/00	28 th June 2012	Baseefa
EN 60079-1:2007	Baseefa08ATEX0284U GB/BAS/ExTR08.0201/00	28 th May 2009 9 th May 2009	Baseefa