TECHNICAL DATA SHEET

HONEYWELL

2106B2312

HT FLAMMABLE SENSOR (ATEX) 3/4

PRODUCT PHOTO



Technical Specifications

Gas Type	**LEL / Flam.**
Sensor Principle	**catalytic (HT)**

Mechanical Specifications

Thread Size	**3/4" NPT**
Enclosure Material	**316 stainless steel**
Weight	**225 g (7.9 oz)**

Certifications

Approval Standard	**ATEX**
Certifications	**ATEX II 2 GD Ex d IIC T3 Gb, IECEx Ex d IIC T3 Gb**

Electrical Specifications

Output Signal	**mV bridge**
Power Consumption	**0.7 W at 200 mA**

Measurement Specifications

Gas Range	**0–20% LEL or 0–100% LEL (control card dependent)**
Minimum Alarm Level	**5% LEL**

Performance Specifications

Response Time T60	**< 6 seconds**
Response Time T90	**< 10 seconds**

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Performance Specifications (continued)

Warm-up Time	**30 minutes**
Sensor Life	**>5 years (typical)**

Environmental Specifications

Operating Temperature	**-55°C to +150°C (-67°F to +302°F)**
Operating Humidity	**20–90% RH continuous; 10–99% RH intermittent**
Operating Pressure	**75–110 kPa**
Ingress Protection	**IP66**

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