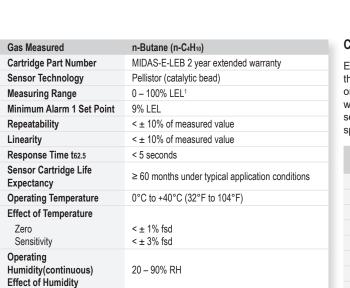


Midas® sensor cartridge specifications

Flammable Group (n-Butane) MIDAS-E-LEB



The sensor data listed is based on ideal test environment; observed performance may vary based on the actual monitoring system and the sampling conditions employed

 $< \pm 1\%$ fsd

 $< \pm 2\%$ fsd

90 - 110kPa

 $< \pm 3\%$ fsd / year

< ± 3% fsd / year

n-Butane (n-C₄H₁₀)

n-Butane (n-C₄H₁₀)

< 10 minutes

No effect in typical application

+5°C to +25°C (+41°F to +77°F)

It is recommended that the calibration and bump test gas should be the same as measuring gas

Honeywell No. Scentic Refu With Scentific Refu With

Cross Sensitivities

Each Midas® sensor is potentially cross sensitive to other gases and this may cause a gas reading when exposed to other gases than those originally designated. The table below presents typical readings that will be observed when a new sensor cartridge is exposed to the cross sensitive gas (or a mixture of gases containing the cross sensitive species).

Gas / Vapor	Chemical Formula	Concentration applied (ppm)	Reading (% LEL)
Ammonia	NH₃	10	0
Carbon Dioxide	CO ₂	10	0
Carbon Monoxide	CO	10	0
Chlorine	Cl ₂	10	0
Ethylene	C ₂ H ₄	0.675%v	43
Hydrogen	H ₂	1%v	67
Hydrogen Chloride	HCI	10	0
Hydrogen Sulphide	H₂S	10	0
Iso Propanol	C ₃ H ₇ OH	0.5%v	31
Methane	CH ₄	1.25%v	59
Nitric Oxide	NO	10	0
Nitrogen Dioxide	NOз	10	0
Sulphur Dioxide	SO ₂	10	0

Find out more

www.honeywellanalytics.com Toll-free: 800.538.0363

Please Note:

Zero

Sensitivity
Operating Pressure

Effect of Position

Long Term Drift Zero

Sensitivity

Calibration Gas

Warm Up Time

Storage Temperature

Challenge Gas (Bump Test)

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