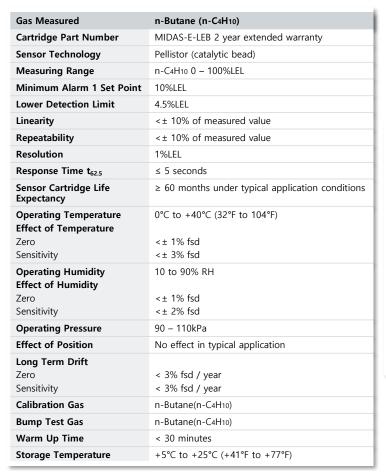


# Midas<sub>®</sub> Sensor Cartridge Specifications

# 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.



#### **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 Measured	Chemical Formula	Concentration Applied(ppm)	Reading (%LEL)
Ammonia	NH <sub>3</sub>	10	0
Carbon Dioxide	CO <sub>2</sub>	10	0
Carbon Monoxide	CO	10	0
Chlorine	Cl2	10	0
Ethylene	C2H4	0.675%v	43
Hydrogen Chloride	HCI	10	0
Hydrogen Sulfide	H <sub>2</sub> S	10	0
Iso Propanol	C <sub>3</sub> H <sub>7</sub> OH	0.5%v	31
Methane	CH4	1.25%v	59
Nitric Oxide	NO	10	0
Nitrogen Dioxide	NO <sub>2</sub>	10	0
Sulfur Dioxide	SO <sub>2</sub>	10	0
Hydrogen	H2	1%v	67

Interference differs from cartridge to cartridge and over cell life. It is not recommended to calibrate with cross sensitivity factors. The target gas should be used for calibration.

## Find out more

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