

## Specification

Size	H145 x W187 x D108 mm (5.7 x 7.4 x 4.25ins)		
Weight	1.5kg		
Enclosure material	Die-cast aluminium with colour and chemically resistant epoxy paint		
Ingress Protection	IP65		
Connection	2 or 3 x 3/4" NPT		
Power	12-24 Vdc		
Display	None		
Electrical output	Analogue 4-20 mA output; RS485 serial output; 3 relay board (optional); HART modem (optional)		
Operating temperature	-40 / +65°C (catalytic sensor)		
	-30 / +55°C (electrochemical sensor)		
Humidity	20 / 90% RH @40°C (catalytic sensor)		
	15 / 90% RH non-condensing (electrochemical sensor)		
Response time	t90 < 60 s; t50 < 20 s		
Performance	Tested in accordance with EN 60079-29-1 standard		
Functional safety	SIL2 hardware and SIL3 software		
Approvals	ATEX, IECEx		
	Ex db IIC T5 Gb		

## Gases

Gas	Sensor type	Gas	Sensor type
Acetone (C <sub>3</sub> H <sub>6</sub> O)	Catalytic pellistor	ISO Butane (C <sub>4</sub> H <sub>10</sub> )	Catalytic pellistor
Acetylene (C <sub>2</sub> H <sub>2</sub> )	Catalytic pellistor	JP8	Catalytic pellistor
Ammonia (NH <sub>3</sub> )	Catalytic pellistor / Electrochemical	LPG	Catalytic pellistor
Butane (C <sub>4</sub> H <sub>10</sub> )	Catalytic pellistor	Methane (CH <sub>4</sub> )	Catalytic pellistor
Carbon Monoxide (CO)	Electrochemical	Methanol (CH <sub>3</sub> OH)	Catalytic pellistor
Cyclopentane (C <sub>5</sub> H <sub>10</sub> )	Catalytic pellistor	Methyl Ethyl Ketone (MEK)	Catalytic pellistor
Ethane (C <sub>2</sub> H <sub>6</sub> )	Catalytic pellistor	Nitric Oxide (NO)	Electrochemical
Ethanol (C <sub>2</sub> H <sub>6</sub> O)	Catalytic pellistor	Oxygen (O <sub>2</sub> )	Electrochemical
Ethyl Acetate (C <sub>4</sub> H <sub>8</sub> O <sub>2</sub> )	Catalytic pellistor	Pentane (C <sub>5</sub> H <sub>12</sub> )	Catalytic pellistor
Ethylene (C <sub>2</sub> H <sub>4</sub> )	Catalytic pellistor	Petrol Vapours	Catalytic pellistor
Heptane (C <sub>7</sub> H <sub>16</sub> )	Catalytic pellistor	Propane (C <sub>3</sub> H <sub>8</sub> )	Catalytic pellistor
Hexane (C <sub>6</sub> H <sub>14</sub> )	Catalytic pellistor	Propyl alcohol (C <sub>3</sub> H <sub>8</sub> O)	Catalytic pellistor
Hydrogen Sulphide (H <sub>2</sub> S)	Electrochemical	Propylene (C <sub>3</sub> H <sub>6</sub> )	Catalytic pellistor
Hydrogen (H <sub>2</sub> )	Catalytic pellistor / Electrochemical	Styrene (C <sub>8</sub> H <sub>8</sub> )	Catalytic pellistor
ISO Butane (C4H10)	Catalytic pellistor	Toluene (C <sub>7</sub> H <sub>8</sub> )	Catalytic pellistor
JP8	Catalytic pellistor	Xylene (C <sub>8</sub> H <sub>10</sub> )	Catalytic pellistor

