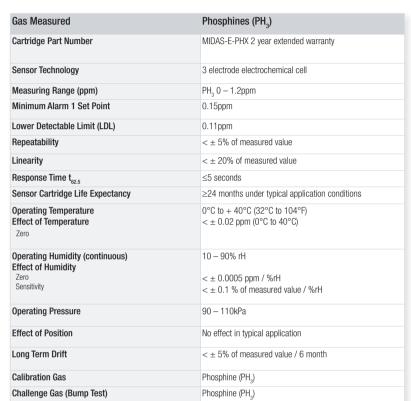


Midas® SENSOR CARTRIDGE SPECIFICATIONS

Phosphine (PH₃) MIDAS-E-PHX



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

< 20 minutes



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 (ppm PH ₃)
Ammonia	NH ₃	108	<0.1
Arsine	AsH ₃	0.15	0.12
Carbon Dioxide	CO ₂	5000	0
Carbon Monoxide	CO	85	0
Chlorine	Cl ₂	0.85	<-0.05
Diborane	B_2H_6	0.2	0.01
Hydrocarbons	CH ₄	18000	0.0
Hydrogen	H ₂	3100	< 0.05
Hydrogen Chloride	HCI	7.9	0
Hydrogen Cyanide	HCN	12.6	0.3
Hydrogen Fluoride	HF	7.2	0
Hydrogen Selenide	SeH ₂	0.85	0
Hydrogen Sulfide	H ₂ S	18.2	0
Nitrogen Dioxide	NO ₂	10.1	-1.6
Propan-2-ol	C ₃ H ₇ OH	20000	< 0.05
Silane	SiH ₄	3.5	0.4
Sulfur Dioxide	SO ₂	17.8	0

Find out more

Warm Up Time

Storage Temperature

www.honeywellanalytics.com Korea Tel: +82 (0)2 6909 0300 Singapore Tel: +65-65803776 Australia Tel: +61-3-94642770 Japan Tel: +81-3-6730-7320 India Tel: +91-124 4752700

Technical Services

+5°C to +25°C (+41°F to +77°F)

AP: ha.ap.service@honeywell.com EMEA: ha.emea.service@honeywell.com US: ha.us.service@honeywell.com

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