

# Model 700

Industrial Gas Detection Sensor





## Description

Model 700 industrial gas detection sensors are a new generation of intelligent sensor modules that incorporate and integrate several leading edge improvements. The sensors are specifically designed for harsh and extreme locations. This new and superior level of environmental durability in sensor design includes an electropolished 316 stainless steel housing, multi-layered transient spike protection circuitry and 100% encapsulated electronics. The sensor electronics are completely protected and immune to water ingress and corrosion. The gas detector sensor elements are all plug-in components and can easily be replaced in the field. Operator interface is non-intrusive via a small handheld magnet. Configuration and routine calibration is intuitive and menu driven with fully scripted instructions. Sensor status is displayed on a built-in alphanumeric LED display. Model 700 intelligent sensor modules feature dual redundant outputs, a linear 4 - 20 milliamp analog signal and a Modbus RS-485 serial output.

It is becoming increasingly important that safety systems meet the Safety Integrity Level (SIL) requirements of IEC 61511. The SIL rating can only be determine by considering the complete safety system. The Model 700 sensor modules are designed with this in mind and feature a new and unmatched level of pre-emptive fault diagnostics. Application variable like input voltage range, operating temperature range, maintenance schedule, detector reliability and output integrity are all monitored and reported via the 4 - 20 mA and RS - 485 serial output. As a component of a SIL rated system, the Safe Failure Fraction (SFF) of Model 700 sensors are designed to meet the requirements for any SIL 2 rated system.

Model Series 700 sensors utilize six distinctive gas detection technologies to satisfy a wide range of industrial application that require monitoring of oxygen toxic and flammable gases.

#### **Sensors for Hydrogen Sulfide**



CHEMFET MOS Solid State Technology Harsh and Extreme Locations Wide Temperature & Humidity Range 10-year Sensor Warranty



Electrochemical Technology Quick Response Time Long Term Calibration Stability Low Power Consumption

#### **Sensors for Combustible Gas**

**Sensors for Toxic Gases** 



**Catalytic Technology** Non-selective Combustible Gas Detector 3 to 5 Year Life Expectancy Rugged Construction

Infrared Technology Combustible Hydrocarbon Gas Detector 5-Year Warranty Miniature Plug-in Optical Detector



Electrochemical Technology Quick Response Time Long Term Calibration Stability Low Power Consumption

#### **Oxygen Sensors**



Electrochemical Technology Quick Response Time Embedded Temperature Compensation 2-year Sensor Warranty

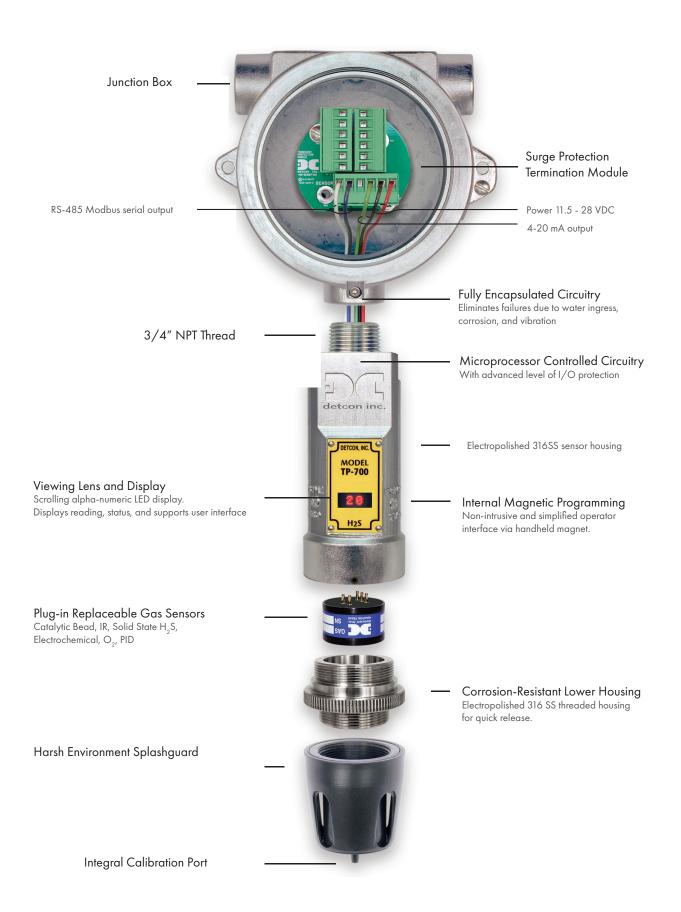


Photo Ionization Universal Non-Selective VOC Sensor Miniature Plug-in Detector

**CO2** Sensors



Infrared Technology CO2 Gas Detector 5-Year Warranty Miniature Plug-in Optical Detector



#### **Environmentally Bulletproof**

- Electropolished 316SS Construction
- 100% Encapsulated Circuitry
- Bullet-Proof I/O Protection
  - Over-voltage Miswiring EMI/RFI Immunity
- Water-Resistant, Corrosion-Resistant, Vibration-Resistant

#### Modular and Serviceable

- Modular Design
- Plug and Play Components
- Minimal Spare Parts
- Universal Design Concept
- Quick Thread Release
- For Sensor Replacement
- Integral Calibration Port

#### Failsafe User-Friendly Interface

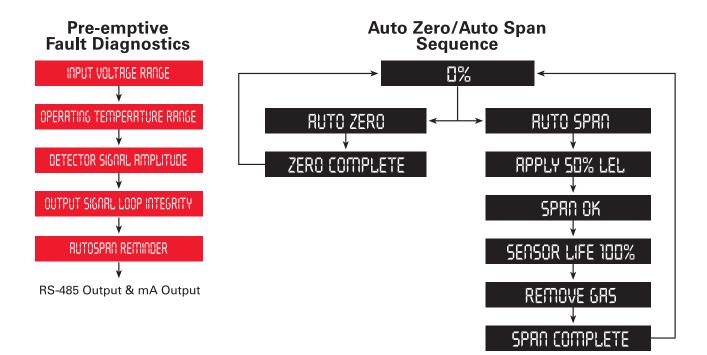
- LED Display
- With Antiglare Cover
- Full Text Display Method
- Non-intrusive Interface

# Scrolling Full Message/Text Display

Main Housing

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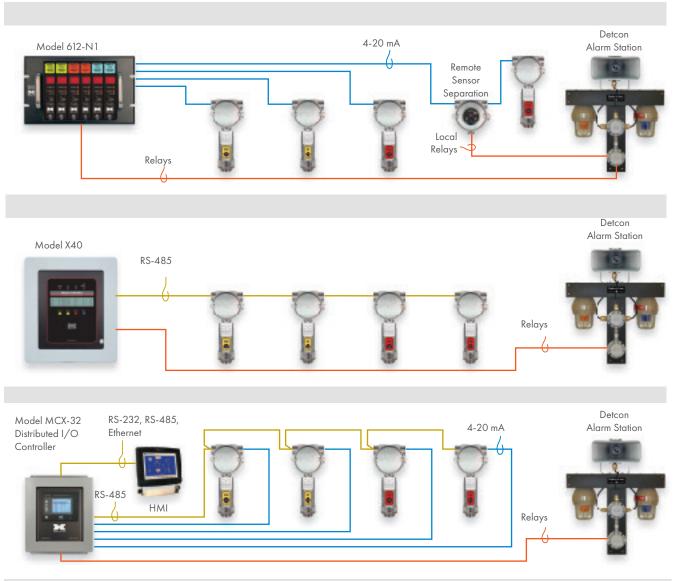
Lower Housing

**Plug-in Sensor** 

**Splashguard** 

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Model 700 gas detectors provide the end-user with a wide variety of output & integration options. The standard intelligent sensor module features an industry standard 4 - 20 mA output and a RS - 485 MODBUS RTU interface. These outputs can be used simultaneously. Additional integration options include a Remote sensor, and Wired-HART communications. Shown below are some typical system integration approaches:



#### Wide Range DCS/DAS and Integration Options

Remote Control Alarm Relay Module Hart RAM Module





Hart Bridge

Module

**Specifications** 

#### **Common Specifications**

Input Voltage 11.5 - 2B VDC standard **Power Consumption** <2 watts typical Outputs Linear 4 - 20 mA DC RS - 485 Modbus™ -RTU **Electrical Classification Explosion** Proof FP - 700, TP - 700, IR - 700 - LEL, IR - 700 - CO2 Class I, Division 1, Groups B, C, D II 2G Ex d IIB + H2 DM - 700 Toxics, DM - 700 - O2, PI - 700: Class I, Division 1, Groups B, C, D II 2G Ex d ib IIB+H2 **Safety Approvals** cCSAus ATEX INMETRO CNEX

PESO ABS **Dimensions** 7" High x 2 1/8" Diameter (sensor only) **Weight** 2 Lbs

Functional Safety Rating IEC 61508 SIL2 Certified (IR, TP, FP, DM) Exida assessed SIL2 (FMEDA)

#### **Performance Approvals**

IR - 700, FP - 700 to ISA 12.13.01:2013, CSA #152 TP - 700, DM - 700 to ISA 92.00.01:1998

### **Technology Specifications**

#### Accuracy/Repeatability

FP - 700: ±3% 0-50% LEL; ±5% 50-100% TP - 700: ±10% of reading or ±2 ppm (greater of) DM - 700 - O2: ±2% full scale IR - 700 - CH: ±3% 0-50% LEL; ±5% 50-100% LEL IR - 700 - CO2: ±5% full scale PI - 700: ±10% of reading: ±2.5% of range (greater of) DM - 700 (toxics): Contact factory for specific gases

#### **Operating Humidity Range (Continuous)**

FP - 700: 0-99% RH non-condensing TP - 700: 15-100% RH non-condensing DM - 700 - O2: 0-99% RH non-condensing IR - 700 - CH: 0-99% RH non-condensing IR - 700 - CO2: 0-99% RH non-condensing PI - 700: 0-100% non-condensing DM - 700 (toxics): typically 10-90% RH contact factory for specific gases

#### Warranty

Teledyne Gas & Flame Detection warrants each new Model 700 Intelligent Transmitter Module to be free from defects in material and workmanship under intended normal us for a period of two years from the date of shipment tot the original purchaser. Teledyne Gas & Flame Detection warrants each new plug-in replacable sensor to be free from defects in material and workmanship under intended normal us for the period described in the table on the left. All warranties are FOB the Teledyne Gas & Flame Detection. Factory located in the Woodlands, Texas, USA.

Nodel #	Gas/Symbol	Range*	Temperature	Warranty**
9-700	Combustible Gas	0-100% LEL	-40°C to + 70°C	2 Years
lydrogen Sulfid	e Gas Sensor (solid state me	tal oxide semicond	uctor)	
Nodel #	Gas/Symbol	Range*	Temperature	Warranty**
P-700	Hydrogen Sulfide/H2S	0-100 ppm	-40°C to + 70°C	10 Year conditional
Dxygen Gas Sei	nsor (galvanic metal air batt	ery)		
Nodel #	Gas/Symbol	Range*	Temperature	Warranty**
M-700-O2	Oxygen/O2	0-25%	-20ºC to + 50ºC	2 Years
ombustible Hy	drocarbon & Carbon Dioxide	e Gas Sensors (non-	dispersive infrared or	otical - PID)
Nodel #	Gas/Symbol	Range*	Temperature	Warranty**
-700-CH	Combustible Hydrocarbons	0-100% LEL	-40°C to + 70°C	5 Years Pro-Rated
-700-CO2	Carbon Dioxide/ CO2	0-3%	-40°C to + 70°C	5 Years Pro-Rated
OLATILE ORGA	NIC COMPOUND (VOC) GA	S SENSORS (photo i	onization detector - P	ID)
Nodel #	Gas/Symbol	Range*	Temperature	Warranty**
700 1000	Volatile Organic Compounds	0-10 ppm	-20ºC to + 50ºC	1 Year
-700-VOC	volume organic compositio	- · -  - -···		
-700-VOC -701-VOC	Volatile Organic Compunds	0-1,000 ppm	-20ºC to + 50ºC	1 Year
-701-VOC				
701-VOC <b>oxic Gas Senso</b>	Volatile Organic Compunds			
701-VOC <b>oxic Gas Senso</b> odel #	Volatile Organic Compunds	0-1,000 ppm	-20ºC to + 50ºC	1 Year
701-VOC <b>oxic Gas Senso</b> odel <b>#</b> 1-700-C2H2	Volatile Organic Compunds rs (electrochemical fuel cell) Gas/Symbol	0-1,000 ppm Range*	-20°C to + 50°C Temperature	1 Year Warranty**
-701-VOC <b>5xic Gas Senso</b> odel <b>#</b> M-700-C2H2 M-700-NH3	Volatile Organic Compunds <b>rs (electrochemical fuel cell)</b> Gas/Symbol Acetylene/C2H2	0-1,000 ppm <b>Range*</b> 0-100 ppm	-20°C to + 50°C <b>Temperature</b> -20°C to + 50°C	1 Year Warranty** 2 Years
701-VOC <b>odel #</b> M-700-C2H2 M-700-NH3 M-700-AsH3	Volatile Organic Compunds rs (electrochemical fuel cell) Gas/Symbol Acetylene/C2H2 Ammonia/NH3	0-1,000 ppm <b>Range*</b> 0-100 ppm 0-100 ppm	-20°C to + 50°C Temperature -20°C to + 50°C -20°C to + 40°C	1 Year Warranty** 2 Years 2 Years
701-VOC <b>oxic Gas Senso</b> <b>odel #</b> M-700-C2H2 M-700-NH3 M-700-AsH3 M-700-Br2	Volatile Organic Compunds <b>rs (electrochemical fuel cell)</b> <b>Gas/Symbol</b> Acetylene/C2H2 Ammonia/NH3 Arsina/AsH3	0-1,000 ppm <b>Range*</b> 0-100 ppm 0-100 ppm 0-1 ppm	-20°C to + 50°C Temperature -20°C to + 50°C -20°C to + 40°C -20°C to + 40°C	1 Year Warranty** 2 Years 2 Years 1 1/2 Years
701-VOC <b>exic Gas Senso</b> <b>odel #</b> 1-700-C2H2 1-700-NH3 1-700-AsH3 1-700-Br2 1-700-C4H6	Volatile Organic Compunds rs (electrochemical fuel cell) Gas/Symbol Acetylene/C2H2 Ammonia/NH3 Arsina/AsH3 Bromine/Br2	0-1,000 ppm <b>Range*</b> 0-100 ppm 0-100 ppm 0-1 ppm 0-5 ppm	-20°C to + 50°C Temperature -20°C to + 50°C -20°C to + 40°C -20°C to + 40°C -20°C to + 50°C	1 Year Warranty** 2 Years 2 Years 1 1/2 Years 2 Years
701-VOC <b>oxic Gas Senso</b> <b>odel #</b> M-700-C2H2 M-700-NH3 M-700-AsH3 M-700-Br2 M-700-C4H6 M-700-CO	Volatile Organic Compunds rs (electrochemical fuel cell) Gas/Symbol Acetylene/C2H2 Ammonia/NH3 Arsina/AsH3 Bromine/Br2 Butadiene/C4H6	0-1,000 ppm <b>Range*</b> 0-100 ppm 0-100 ppm 0-1 ppm 0-5 ppm 0-100 ppm	-20°C to + 50°C Temperature -20°C to + 50°C -20°C to + 40°C -20°C to + 40°C -20°C to + 50°C -20°C to + 50°C	1 Year Warranty** 2 Years 2 Years 1 1/2 Years 2 Years 2 Years 2 Years
701-VOC <b>odel #</b> M-700-C2H2 M-700-NH3 M-700-AsH3 M-700-Br2 M-700-C4H6 M-700-C0 M-700-C12	Volatile Organic Compunds rs (electrochemical fuel cell) Gas/Symbol Acetylene/C2H2 Ammonia/NH3 Arsina/AsH3 Bromine/Br2 Butadiene/C4H6 Carbon Monoxide/CO	0-1,000 ppm <b>Range*</b> 0-100 ppm 0-100 ppm 0-1 ppm 0-5 ppm 0-100 ppm 0-100 ppm	-20°C to + 50°C Temperature -20°C to + 50°C -20°C to + 40°C -20°C to + 40°C -20°C to + 50°C -20°C to + 50°C -40°C to + 50°C	1 Year Warranty** 2 Years 2 Years 1 1/2 Years 2 Years 2 Years 3 Years
701-VOC <b>exic Gas Senso</b> <b>odel #</b> h-700-C2H2 h-700-NH3 h-700-AsH3 h-700-Br2 h-700-C4H6 h-700-C0 h-700-C12 h-701-CL02	Volatile Organic Compunds rs (electrochemical fuel cell) Gas/Symbol Acetylene/C2H2 Ammonia/NH3 Arsina/AsH3 Bromine/Br2 Butadiene/C4H6 Carbon Monoxide/CO Chlorine/Cl2	0-1,000 ppm <b>Range*</b> 0-100 ppm 0-100 ppm 0-5 ppm 0-100 ppm 0-100 ppm 0-100 ppm 0-100 ppm	$-20^{\circ}C \text{ to } + 50^{\circ}C$ $Temperature$ $-20^{\circ}C \text{ to } + 50^{\circ}C$ $-20^{\circ}C \text{ to } + 40^{\circ}C$ $-20^{\circ}C \text{ to } + 40^{\circ}C$ $-20^{\circ}C \text{ to } + 50^{\circ}C$ $-20^{\circ}C \text{ to } + 50^{\circ}C$ $-40^{\circ}C \text{ to } + 50^{\circ}C$ $-20^{\circ}C \text{ to } + 50^{\circ}C$	1 Year Warranty** 2 Years 2 Years 1 1/2 Years 2 Years 2 Years 3 Years 2 Years
701-VOC <b>exic Gas Senso</b> <b>odel #</b> A-700-C2H2 A-700-NH3 A-700-AsH3 A-700-Br2 A-700-C4H6 A-700-C4H6 A-700-C0 A-700-C12 A-700-C12 A-701-CLO2 A-700-B2H6	Volatile Organic Compunds rs (electrochemical fuel cell) Gas/Symbol Acetylene/C2H2 Ammonia/NH3 Arsina/AsH3 Bromine/Br2 Butadiene/C4H6 Carbon Monoxide/CO Chlorine/Cl2 Chlorine Dioxide/ClO2	0-1,000 ppm <b>Range*</b> 0-100 ppm 0-100 ppm 0-5 ppm 0-100 ppm 0-100 ppm 0-100 ppm 0-10 ppm 0-1 ppm	$-20^{\circ}C \text{ to } + 50^{\circ}C$ $Temperature$ $-20^{\circ}C \text{ to } + 50^{\circ}C$ $-20^{\circ}C \text{ to } + 40^{\circ}C$ $-20^{\circ}C \text{ to } + 40^{\circ}C$ $-20^{\circ}C \text{ to } + 50^{\circ}C$ $-20^{\circ}C \text{ to } + 50^{\circ}C$ $-40^{\circ}C \text{ to } + 50^{\circ}C$ $-20^{\circ}C \text{ to } + 50^{\circ}C$ $-20^{\circ}C \text{ to } + 50^{\circ}C$	1 Year Warranty** 2 Years 2 Years 1 1/2 Years 2 Years 2 Years 3 Years 2 Years 2 Years 2 Years 2 Years
701-VOC <b>bxic Gas Senso</b> <b>odel #</b> A-700-C2H2 A-700-NH3 A-700-AsH3 A-700-Br2 A-700-C4H6 A-700-C0 A-700-C12 A-701-CLO2 A-701-CLO2 A-700-B2H6 A-700-C2H5OH	Volatile Organic Compundsrs (electrochemical fuel cell)Gas/SymbolAcetylene/C2H2Ammonia/NH3Arsina/AsH3Bromine/Br2Butadiene/C4H6Carbon Monoxide/COChlorine/Cl2Chlorine Dioxide/ClO2Diborane/B2H6	0-1,000 ppm <b>Range*</b> 0-100 ppm 0-100 ppm 0-5 ppm 0-100 ppm 0-100 ppm 0-100 ppm 0-10 ppm 0-1 ppm 0-5 ppm	$-20^{\circ}C \text{ to } + 50^{\circ}C$ $-20^{\circ}C \text{ to } + 50^{\circ}C$ $-20^{\circ}C \text{ to } + 40^{\circ}C$ $-20^{\circ}C \text{ to } + 40^{\circ}C$ $-20^{\circ}C \text{ to } + 50^{\circ}C$ $-20^{\circ}C \text{ to } + 50^{\circ}C$ $-40^{\circ}C \text{ to } + 50^{\circ}C$ $-20^{\circ}C \text{ to } + 50^{\circ}C$	1 Year Warranty** 2 Years 2 Years 1 1/2 Years 2 Years 2 Years 3 Years 2 Years 2 Years 2 Years 1 1/2 Years 1 1/2 Years
.701-VOC <b>Divic Gas Senso</b> <b>odel #</b> M-700-C2H2 M-700-NH3 M-700-AsH3 M-700-Br2 M-700-C4H6 M-700-C2 M-700-C12 M-701-CLO2 M-701-CLO2 M-700-B2H6 M-700-C2H5SH	Volatile Organic Compunds rs (electrochemical fuel cell) Gas/Symbol Acetylene/C2H2 Ammonia/NH3 Arsina/AsH3 Bromine/Br2 Butadiene/C4H6 Carbon Monoxide/CO Chlorine/Cl2 Chlorine Dioxide/ClO2 Diborane/B2H6 Ethanol/C2H5OH	0-1,000 ppm <b>Range*</b> 0-100 ppm 0-100 ppm 0-5 ppm 0-100 ppm 0-100 ppm 0-10 ppm 0-1 ppm 0-1 ppm 0-5 ppm 0-5 ppm 0-5 ppm	$-20^{\circ}C \text{ to } + 50^{\circ}C$ $Temperature$ $-20^{\circ}C \text{ to } + 50^{\circ}C$ $-20^{\circ}C \text{ to } + 40^{\circ}C$ $-20^{\circ}C \text{ to } + 40^{\circ}C$ $-20^{\circ}C \text{ to } + 50^{\circ}C$	1 Year Warranty** 2 Years 2 Years 1 1/2 Years 2 Years 2 Years 3 Years 2 Years 2 Years 1 1/2 Years 1 1/2 Years 2 Years
-701-VOC <b>Divic Gas Senso</b> <b>Indel #</b> M-700-C2H2 M-700-NH3 M-700-AsH3 M-700-AsH3 M-700-C4H6 M-700-C4H6 M-700-C12 M-700-C12 M-700-C12 M-700-C12 M-700-C2H5OH M-700-C2H5SH M-700-C2H5SH M-700-C2H4	Volatile Organic Compundsrs (electrochemical fuel cell)Gas/SymbolAcetylene/C2H2Ammonia/NH3Arsina/AsH3Bromine/Br2Butadiene/C4H6Carbon Monoxide/COChlorine/Cl2Chlorine Dioxide/ClO2Diborane/B2H6Ethanol/C2H5OHEthyl Mercaptan/C2H5SH	0-1,000 ppm <b>Range*</b> 0-100 ppm 0-100 ppm 0-1 ppm 0-5 ppm 0-100 ppm 0-100 ppm 0-10 ppm 0-1 ppm 0-5 ppm 0-100 ppm 0-5 ppm 0-100 ppm 0-100 ppm	$-20^{\circ}C \text{ to } + 50^{\circ}C$ $Temperature$ $-20^{\circ}C \text{ to } + 50^{\circ}C$ $-20^{\circ}C \text{ to } + 40^{\circ}C$ $-20^{\circ}C \text{ to } + 40^{\circ}C$ $-20^{\circ}C \text{ to } + 50^{\circ}C$	1 Year Warranty** 2 Years 2 Years 1 1/2 Years 2 Years 2 Years 3 Years 2 Years 2 Years 1 1/2 Years 1 1/2 Years 2 Years 2 Years 2 Years
-701-VOC <b>Divic Gas Senso</b> <b>Indel #</b> M-700-C2H2 M-700-NH3 M-700-AsH3 M-700-Br2 M-700-C4H6 M-700-C2H M-700-C12 M-701-CLO2 M-701-CLO2 M-700-B2H6 M-700-C2H5SH M-700-C2H5SH M-700-C2H4O	Volatile Organic Compundsrs (electrochemical fuel cell)Gas/SymbolAcetylene/C2H2Ammonia/NH3Arsina/AsH3Bromine/Br2Butadiene/C4H6Carbon Monoxide/COChlorine/Cl2Chlorine Dioxide/ClO2Diborane/B2H6Ethanol/C2H5OHEthylene/C2H4	0-1,000 ppm <b>Range*</b> 0-100 ppm 0-100 ppm 0-1 ppm 0-5 ppm 0-100 ppm 0-10 ppm 0-1 ppm 0-5 ppm 0-100 ppm 0-100 ppm 0-100 ppm 0-100 ppm 0-100 ppm	$-20^{\circ}C \text{ to } + 50^{\circ}C$ $-20^{\circ}C \text{ to } + 50^{\circ}C$ $-20^{\circ}C \text{ to } + 40^{\circ}C$ $-20^{\circ}C \text{ to } + 40^{\circ}C$ $-20^{\circ}C \text{ to } + 50^{\circ}C$ $-40^{\circ}C \text{ to } + 50^{\circ}C$ $-20^{\circ}C \text{ to } + 50^{\circ}C$	<ul> <li>Year</li> <li>Warranty**</li> <li>2 Years</li> <li>2 Years</li> <li>1 1/2 Years</li> <li>2 Years</li> <li>2 Years</li> <li>3 Years</li> <li>2 Years</li> <li>2 Years</li> <li>1 1/2 Years</li> <li>2 Years</li> </ul>
-701-VOC	Volatile Organic Compundsrs (electrochemical fuel cell)Gas/SymbolAcetylene/C2H2Ammonia/NH3Arsina/AsH3Bromine/Br2Butadiene/C4H6Carbon Monoxide/COChlorine/C12Chlorine Dioxide/ClO2Diborane/B2H6Ethanol/C2H5OHEthyl Mercaptan/C2H5SHEthylene/C2H4Ethylene Oxide/C2H4O	0-1,000 ppm <b>Range*</b> 0-100 ppm 0-100 ppm 0-5 ppm 0-100 ppm 0-100 ppm 0-10 ppm 0-1 ppm 0-5 ppm 0-5 ppm 0-100 ppm 0-100 ppm 0-100 ppm 0-100 ppm 0-100 ppm	$-20^{\circ}C \text{ to } + 50^{\circ}C$ $-20^{\circ}C \text{ to } + 50^{\circ}C$ $-20^{\circ}C \text{ to } + 40^{\circ}C$ $-20^{\circ}C \text{ to } + 40^{\circ}C$ $-20^{\circ}C \text{ to } + 50^{\circ}C$	<pre>1 Year Warranty** 2 Years 2 Years 1 1/2 Years 2 Years 2 Years 2 Years 2 Years 2 Years 1 1/2 Years 2 Years 1 1/2 Years 2 Years</pre>

#### Toxic Gas Sensors (electrochemical fuel cell)

Model #	Gas/Symbol	Range*	Temperature	Warranty**
DM-700-H2	Hydrogen/H2	0-100 ppm	-20ºC to + 50ºC	2 Years
DM-701-H2	Hydrogen/H2	LEL	-40ºC to + 40ºC	2 Years
DM-702-H2	Hydrogen/H2	0-1%	-40ºC to + 40ºC	2 Years
DM-700-HBr	Hydrogen Bromide/HBr	0-30 ppm	-20ºC to + 40ºC	1 1/2 Years
DM-700-HCL	Hydrogen Chloride/HCl	0-30 ppm	-20ºC to + 40ºC	1 1/2 Years
DM-700-HCN	Hydrogen Cyanide/HCN	0-30 ppm	-40°C to + 40°C	2 Years
DM-700-HF	Hydrogen Fluoride/HF	0-10 ppm	-20ºC to + 35ºC	1 Year
DM-700-H2S	Hydrogen Sulfide/H2S	0-100 ppm	-40°C to + 50°C	2 Years
DM-700-CH3OH	Methanol/CH3OH	0-100 ppm	-20ºC to + 50ºC	2 Years
DM-700-CH3SH	Methyl Mercaptan/CH3SH	0-100 ppm	-40°C to + 50°C	2 Years
DM-700-NO	Nitric Oxide/NO	0-100 ppm	-20ºC to + 50ºC	3 Years
DM-700-NO2	Nitrogen Dioxide/NO2	0-10 ppm	-20ºC to + 50ºC	2 Years
DM-700-O3	Ozone/O3	0-1 ppm	-10ºC to + 40ºC	2 Years
DM-700-PH3	Phosphine/PH3	0-5 ppm	-20ºC to + 40ºC	1 1/2 Years
DM-700-SiH4	Silane/SiH4	0-50 ppm	-20ºC to + 40ºC	1 1/2 Years
DM-700-SO2	Sulfur Dioxide/SO2	0-20 ppm	-20ºC to + 50ºC	2 Years

#### Accessories

#### Description

Remote Control/Alarm Relay Module in NEMA 7 Junction Box (Aluminum or Stainless Steel) Hart RAM in NEMA 7 Junction Box (Aluminum or Stainless Steel) Hart Bridge Module in NEMA 7 Junction Box (Aluminum or Stainless Steel) Wireless Interface Module in NEMA 7 Junction Box (Aluminum or Stainless Steel)

\*Standard Range - contact factory for other ranges. \*\*Replacable plug-in sensor. Contact the factory for other gases not on this list. Cross sensitivity data available on request.

Teledyne Gas & Flame Detection quality assurance programmes demand the continuous assessment and improvement of all our products. Information in this leaflet could thus change without notification and does not constitute a product specification. For more information, please contact us or your company representative



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