



Model: **X3301**

Part Number: **028251-001**

Code: **X3301S4M23T2**

North American Standards

International Standards

Detector

Sensor Type:	Multispectrum Infrared (optical)
Optics heater (microprocessor controlled):	Yes
Visible Fire/Fault Indication:	Yes, Tri-color LED
Continuous Optical Integrity Self-test:	Yes
Manual self-test option on demand:	Yes
Test Lamp Needed:	No
Field of View Horiz/Vert (Degrees):	90° horizontal by 75° vertical of the on-axis detection distance
Fire Hazard Type to be detected:	Note 1
Detection Distance (on center axis):	Note 1
Detection Distance (off axis):	Note 1
Response Time (on axis):	Note 1
Datalogging & diagnostic software available:	Note 1

Electrical

Operating Voltage:	18-30 vdc
Power Consumption (Without Heater):	4 watts at 24 vdc nominal 5.2 watts at 24 vdc in alarm 4.5 watts at 30 vdc nominal 6.5 watts at 30 vdc in alarm
Power Consumption (Heater Only):	8 watts maximum
Total Power:	17 watts at 30 vdc with EOL resistor installed and heater on maximum
Alarm Relay Output:	Form C, 5 amp at 30 vdc
Fault Relay Output:	Form A, 5 amp at 30 vdc
4-20mA Analog Output:	YES
RS-485 Modbus Output:	NO
HART Output:	YES
Pulse Output:	NO
Other Digital Communications:	NO

Enclosure

Housing Material:	316 SS	
Cable Entries:	4 x M25	
Enclosure Protection:	NEMA type 4X	IP66
Optics Protection System:	Yes	
HART Communications Port (i.s):	Yes, airshields, sight limiters, weather shield	
Dimensions:	10(L) x 4.8(W) x 4.7(H) in.	25.4(L) x 12.2 (W) x 11.9(H) cm
Shipping Weight:	Aluminum: 7 lbs. (3.2 kg).	
	Stainless Steel: 13.8 lbs. (6.3 kg).	

ایمن کنترل سه‌ه‌ند

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Honeywell



آدرس: تهران - خیابان سمیه - بعد از تقاطع بهار - ساختمان ایرج - پلاک ۶۳ - واحد ۱۱

۰۹۳۹۵۱۸۸۱۶۴

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IMEN
CONTROL
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Ratings

Operating Temperature:	-40°F to +167°F	-40°C to +75°C
Storage Temperature:	-67°F to +185°F	-55°C to +85°C
Hazardous Location Rating	-67°F to + 257°F	-55°C to +125°C
Operating Humidity:	0-95%	
Safe Failure Fraction (IEC 61508):	92%	

Approvals

Performance Certifications:	FM, CSA	IECEX / ATEX
Hazardous Area Certifications:	FM 3260	EN54-10
Hazardous Area Classification:	Class I, Div. 1, Groups B, C & D (T4A); Class II, Div 1, Groups E, F & G (T4A); Class I, Div. 2, Groups A, B, C & D (T3C); Class II, Div 2, Group F & G (T3C); Class III	IECEX: IECEX ULD 06.0017X Ex d IIC T6...T4 Gb Ex tb IIIC T130°C T6 (Tamb = -55°C to +60°C) T5 (Tamb = -55°C to +75°C) T4 (Tamb = -55°C to +125°C) ATEX: DEMKO 01 ATEX 130204X CE 0539II 2 GD Ex d IIC T6...T4 Gb Ex tb IIIC T130°C T6 (Tamb -55°C to +60°C) T5 (Tamb -55°C to +75°C) T4 (Tamb -55°C to +125°C)
IEC 61508 Capable:	Yes	

Other

Mounting Swivel Bracket:	Q9033
Manufacturer:	Detector Electronics Corporation
Warranty:	5 yrs

Note	Refer to Certified Performance Data documented within Instruction Manual.	1:
Note	Detector shall be tested to 33 fires of N-heptane, methanol, and methane before being shipped for installation.	2:
Note	Detector shall have patented technology using multiple frequencies to detect fire and discriminate false alarms.	3:
Note	Detector shall have the ability to operate at different levels of sensitivity.	4:
Note	Detector shall be third part approved as self-testing devices that do not require a test lamp for operational testing of window cleanliness or alarm operation.	5:
Note	NOTE: Items are subject to change. Refer to documents 90-1218, 95-8720 and 95-8704 for current specifications.	6:

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